

**Question # 3 of 3**

There are mainly \_\_\_\_\_ core components of ERD.

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**Select the correct option**

<input checked="" type="radio"/>	Three
<input type="radio"/>	Two
<input type="radio"/>	Four
<input type="radio"/>	One

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Question # 2 of 3

Time Left: 71 sec(s)

Which of the following is the correct equation of Relationship where R represents relationship, O represents Optionality and C represents cardinality?

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Select the correct option

 Reload Math Equations

- |                                  |             |
|----------------------------------|-------------|
| <input type="radio"/>            | $O = C + R$ |
| <input type="radio"/>            | $C = O + R$ |
| <input type="radio"/>            | $C = O - R$ |
| <input checked="" type="radio"/> | $R = O + C$ |

[Click to Save Answer & Move to Next Question](#)

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Question # 3 of 3

ERD stands for \_\_\_\_\_.

Select the correct option **VU Academic Consultant 03222254114**

<input type="radio"/>	Entity Relationship Dataflow
<input type="radio"/>	Entity Recursive Diagram
<input checked="" type="radio"/>	Entity Relationship Diagram
<input type="radio"/>	Entity Recursive Dataflow

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### Question # 1 of 3

\_\_\_\_\_ is name of person, place or thing about which data can be stored.

Select the correct option

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<input type="radio"/>	Attribute
<input type="radio"/>	Meta data
<input checked="" type="radio"/>	Entity
<input type="radio"/>	Relationship

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### Question # 2 of 3

An ER diagram represents the \_\_\_\_\_ structure of the database.

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Select the correct option

<input type="radio"/>	View
<input checked="" type="radio"/>	Logical
<input type="radio"/>	Physical
<input type="radio"/>	External



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Question # 1 of 3

Which of the following "identifier" is used to represent primary key attribute?

Select the correct option

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<input type="radio"/>	&
<input checked="" type="radio"/>	#
<input type="radio"/>	*
<input type="radio"/>	o

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Click to

Question # 2 of 3

Which of the following identifier is used to represent "mandatory" attribute(s)?

Select the correct option

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<input type="radio"/>	&
<input checked="" type="radio"/>	*
<input type="radio"/>	#
<input type="radio"/>	o

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Question # 3 of 3

A/an \_\_\_\_\_ describes a property or characteristics of an entity.

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Select the correct option

<input checked="" type="radio"/>	Entity type	X
<input type="radio"/>	Relationship	
<input type="radio"/>	Cardinality	
<input type="radio"/>	Attribute	✓ <i>Academic Consultant</i>

## Question # 1 of 3

Interaction between entities is captured using \_\_\_\_\_.

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## Select the correct option

<input checked="" type="radio"/>	Relationships
<input type="radio"/>	Attributes
<input type="radio"/>	Instances
<input type="radio"/>	Meta data



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Question # 3 of 3

An association of various entities in an Entity-Relation model is known as \_\_\_\_\_.

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Select the correct option

Relo

<input checked="" type="radio"/>	Relationship
<input type="radio"/>	Tuple
<input type="radio"/>	Field
<input type="radio"/>	Record

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Click to Save Answer & Move

**Question # 1 of 5**

The optionality (one) is represented by a \_\_\_\_\_.

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**Select the correct option**

<input type="radio"/>	Double solid line
<input checked="" type="radio"/>	Solid line
<input type="radio"/>	Double dotted line
<input type="radio"/>	Dotted line

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Question # 2 of 5

The \_\_\_\_\_ is the minimum number of matching child records that can exist per parent record.

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Select the correct option

<input type="radio"/>	Integrity
<input type="radio"/>	Cardinality
<input type="radio"/>	Constraint
<input checked="" type="radio"/>	Optionality

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**Question # 4 of 5**

The optionality (zero) is represented by a \_\_\_\_\_.

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**Select the correct option**

- |                                  |                    |
|----------------------------------|--------------------|
| <input type="radio"/>            | Double dotted line |
| <input type="radio"/>            | Double solid line  |
| <input checked="" type="radio"/> | Dotted line        |
| <input type="radio"/>            | Solid line         |

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Question # 5 of 5

Time Left: 82 sec(s)

Let's suppose there are two entities A and B, the optionality from A to B will be \_\_\_\_\_ whereas optionality from B to A will be \_\_\_\_\_.



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Select the correct option

 Reload Math Equations

- |                                  |            |
|----------------------------------|------------|
| <input type="radio"/>            | One, zero  |
| <input type="radio"/>            | One, one   |
| <input checked="" type="radio"/> | Zero, zero |
| <input type="radio"/>            | Zero, one  |

Click to Save Answer & Move to Next Question

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Question # 1 of 3

The \_\_\_\_\_ is the maximum number of matching child records that can exist per parent record.

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Select the correct option

<input type="radio"/>	Constraint
<input type="radio"/>	Modality
<input type="radio"/>	Optionality
<input checked="" type="radio"/>	Cardinality

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Cardinality can either be \_\_\_\_\_ or \_\_\_\_\_.

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Select the correct option

[Reload Mat](#)

- |                                  |                     |
|----------------------------------|---------------------|
| <input type="radio"/>            | One, zero           |
| <input type="radio"/>            | Zero, more than one |
| <input checked="" type="radio"/> | One, more than one  |
| <input type="radio"/>            | One, only two       |

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[Click to Save Answer & Move to Next](#)

A



B

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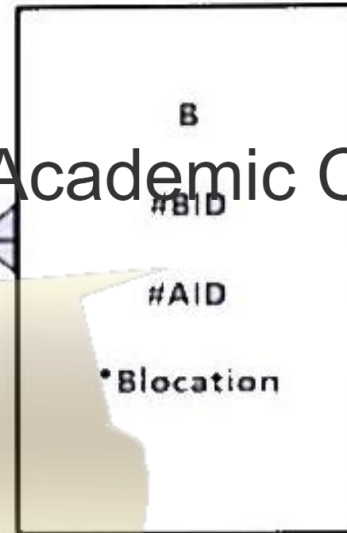
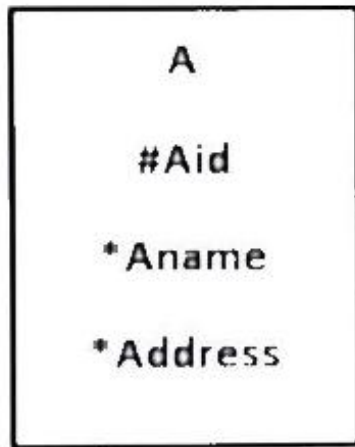
Select the correct option

Reload M

- |                                  |                     |   |
|----------------------------------|---------------------|---|
| <input type="radio"/>            | More than one, one  | ✓ |
| <input type="radio"/>            | More than one, zero |   |
| <input type="radio"/>            | Zero, more than one |   |
| <input checked="" type="radio"/> | One, more than one  | ✗ |

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Which of the following attribute will be the foreign key from the following relationship?



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Select the correct option

Reload Mo

Blocation

Address

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A \_\_\_\_\_ relationship is a type of cardinality that refers to the relationship between two entities A and B in which one record of entity A may be linked to zero, 1 or more records in entity B.

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Select the correct option

 Reload Math Equations

<input type="radio"/>	One to one
<input type="radio"/>	Many to one
<input type="radio"/>	Many to many
<input checked="" type="radio"/>	One to many

Click to Save Answer & Move to Next Question

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In one-to-many relationship, \_\_\_\_\_key of parent table is referred in child table as \_\_\_\_\_ key.

Select the correct option

VU Academic Consultant 03222254114 [Reload With Eq](#)

<input type="radio"/>	Foreign, primary
<input type="radio"/>	Primary, candidate
<input type="radio"/>	Secondary, foreign
<input checked="" type="radio"/>	Primary, foreign

Click to Save Answer & Move to Next Que

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To implement \_\_\_\_\_ relationship, third table is created where primary keys of both tables are exported as primary key.

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Select the correct option

 Reload Mo

- Many to one
- One to one
- One to many
- Many to many





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Which of the following is NOT a basic type of relationship?

Select the correct option

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<input checked="" type="radio"/>	One to many 
<input type="radio"/>	Many to one
<input type="radio"/>	Many to many 
<input type="radio"/>	One to one

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Many-to-many relationship is resolved into two \_\_\_\_\_ relationships.

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Select the correct option

<input type="radio"/>	Many to many
<input type="radio"/>	Many to one
<input checked="" type="radio"/>	One to many
<input type="radio"/>	One to one

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**Question # 1 of 4**

In \_\_\_\_\_ relationship, there is exactly one matching record in two tables.

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**Select the correct option**

<input type="radio"/>	Many to one
<input checked="" type="radio"/>	One to one
<input type="radio"/>	Many to many
<input type="radio"/>	One to many

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A \_\_\_\_\_ relationship is a type of cardinality that refers to the relationship between two entities A and B in which one record of A may only be linked to one or zero record of B.

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Select the correct option

 Reload Math Equations

<input type="radio"/>	One to one
<input type="radio"/>	Many to one
<input type="radio"/>	One to many
<input type="radio"/>	Many to many

Click to Save Answer & Move to Next Question

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In one-to-one relationship, foreign key is made as \_\_\_\_\_.

Select the correct option

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<input checked="" type="radio"/>	Unique key
<input type="radio"/>	Default
<input type="radio"/>	Not null
<input type="radio"/>	Candidate key

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In \_\_\_\_\_ relationship, the primary key of any table is exported as foreign key in any one table.

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Select the correct option

<input type="radio"/>	Many to one
<input type="radio"/>	One to many
<input checked="" type="radio"/>	One to one
<input type="radio"/>	Many to many

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## Post-Assessment

### Question # 1 of 3

Which of the following are the components of ERB?

Select the correct option

- |                       |                                 |
|-----------------------|---------------------------------|
| <input type="radio"/> | Entity, functions, class        |
| <input type="radio"/> | Entity, attribute, relationship |
| <input type="radio"/> | Entity, variables, functions    |
| <input type="radio"/> | Entity, attribute, objects      |

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\_\_\_\_\_ is a graphical representation of the relationship between entities in the system.

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Select the correct option

<input type="radio"/>	Conceptual data model
<input type="radio"/>	Physical data model
<input type="radio"/>	Relational data model
<input type="radio"/>	External data model

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# Assessment Quiz



## Post-Assessment

Question # 1 of 3

Time Left: 8

SELECT name FROM employee WHERE name like /  
If the value for the name column is (Ali, Ahmed, T  
Usman), then what will be the output of the above  
SQL command?

Select the correct option

Reload Math Equ

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- Ali, Ahmed, Tayyab, Usman
- Ali, Ahmed, Usman ✓
- Ahmed Usman
- Ali, Ahmed, Usman

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Regards,

# Assessment Quiz



## t-Assessment

Question # 2 of 3

Time Left: 71 s

SELECT name FROM employee Where name LIKE 'A%'  
the output of the above given command, how many  
characters are allowed after %?

Select the correct option



Reload Math Equations

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Depend on data type of name ✓

One or two only ✗

One

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Click to Save Answer & Move to Next Question

# Assessment Quiz



## Assessment

Question # 3 of 3

Time Left: 67 seconds

Which of the following is the correct syntax for the given statement?

Display all customer of those cities started with "an"

the correct option



Reload Math Equation

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SELECT \* FROM customer WHERE city like an%;

Not Confirm

SELECT all FROM customer WHERE city like an%;

SELECT \* FROM customer WHERE city=an;

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Click to Save Answer & Move to Next Question

## Assessment Quiz



### Assessment

Question # 1 of 3

Time Left: 85 sec

Which of the following is true option for the following SQL command?

SELECT \* FROM Program Where prName Like '%CS'

Which is the correct option



Reload Math Equation

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It will retrieve all those records where CS has appeared in the middle of prName.

It will retrieve all those records where prName must start with CS.

It will retrieve all those records where prName ends with CS.

It will retrieve all those records where CS is appeared anywhere in prName.

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Click to Save Answer & Move to Next Question

# Assessment Quiz

## Assessment

# 2 of 3

Time Left: 83 sec(s)

Which of the following is correct SQL command for the following requirement?

Select all those records from Program table where prName starts with CS and prName contains exactly 3 characters.

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`select * from Program Where prName Like '%CS%';`

`select * from Program Where prName Like '_CS%';`

`select * from Program Where prName Like 'CS%';`

`select * from Program Where prName Like 'CS%CS%';`

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# Assessment Quiz



## e-Assessment

Question # 3 of 3

Time Left: 8

Wild card character is used with \_\_\_\_\_ ope

Select the correct option

Reload Math Equ

LIKE

EXISTS

ANY

Not Confirm

BETWEEN

Click to Save Answer & Move to Next Question

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# Assessment Quiz



## -Assessment

Question # 2 of 3

Time Left: 84

Which of the following operator is used with wildcc character?

Select the correct option



Reload Math Equat

LIKE

NULL

BIT

NOT NULL

Click to Save Answer & Move to Next Question

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# Assessment Quiz



## Post-Assessment

Question # 1 of 4

Time Left: 7

Which of the following function is NOT an example of a single row function?

Select the correct option



Reload Math Equ

- Length
- Round
- Count ✓
- Trunc ✗

Click to Save Answer & Move to Next Question

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# Assessment Quiz



## Post-Assessment

Question # 2 of 4

Time Left: 8

Which of the following command is related to the row function?

Select the correct option



Reload Math Equ

SELECT SUM (Salary) FROM employee;

SELECT COUNT (\*) FROM employee;

SELECT AVG (Salary) FROM employee;

SELECT ROUND (194.683, 1) FROM employee;

Click to Save Answer & Move to Next Question

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# Assessment Quiz



## Post-Assessment

Question # 3 of 4

Time Le

Single row function can be used with \_\_\_\_\_ statements.

Select the correct option



Reload Math

- SELECT, WHERE
- CREATE, WHERE
- INSERT, WHERE
- ALTER, WHERE

Click to Save Answer & Move to Next Qu

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# Assessment Quiz



## Post-Assessment

Question # 4 of 4

Time Left

Single row functions accept\_\_\_\_\_ input / ir  
return\_\_\_\_\_ value output / outputs.

Select the correct option

Reload Math Ed

- Column value, records
- One or more, one ✓
- Multiple, multiple
- One, one ✗

Click to Save Answer & Move to Next Ques

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# Assessment Quiz



## Post-Assessment

Question # 1 of 3

Time Le

Group function can NOT be used with\_\_\_\_\_

Select the correct option

Reload Math E

- Having clause
- Select clause
- Group by clause
- Where clause

Click to Save Answer & Move to Next Que

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# Assessment Quiz



## Post-Assessment

Question # 2 of 3

Time Left: 8

Which of the following function is NOT an example of a group function?

Select the correct option

Reload Math Equ

- Sum ()
- Count ()
- AVG ()
- Round ()

Click to Save Answer & Move to Next Question

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# Assessment Quiz



## Post-Assessment

Question # 3 of 3

Time Left: 7

Group function manipulates \_\_\_\_\_ to give \_\_\_\_\_ per group of rows.

Select the correct option



Reload Math Equ

Group of rows, multi value

Group of relations, one result

Group of column, one result

Group of rows, one result

Click to Save Answer & Move to Next Question

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## Assessment Quiz



Question # 2 of 3

Time Left:

Which of the following function returns the largest value of the column named salary?

Select the correct option



Reload Math Eq

- MAX (Salary)
- LARG (Salary)
- AVG (Salary)
- COUNT (\*)

Click to Save Answer & Move to Next Question

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### Assessment Quiz



Question # 3 of 3

Time Left:

Count () functions return\_\_\_\_\_ in the table

Select the correct option



Reload Math Eq

- Number of relations
- Number of rows Not Confirm
- Average value
- Maximum value

Click to Save Answer & Move to Next Quest

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### Assessment Quiz

### Pre-Assessment

Question # 1 of 3

Time Left: 79

Which of the following function returns the largest of the column named salary?

Select the correct option

- AVG (Salary)
- LARG (Salary) ✓
- MAX (Salary) ✗
- COUNT (\*)

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### Assessment Quiz



### Post-Assessment

Question # 1 of 3



Time Left: 6

The following query returns \_\_\_\_\_ columns and \_\_\_\_\_ rows.

```
SELECT COUNT (), SUM (Salary), MIN (Salary) from
```

Get the correct option

Reload Math Equ

- 1 column, 1 row 
- 3 columns, 3 rows
- 2 columns, 3 rows
- 3 columns, 1 row 

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### Assessment Quiz

Question # 2 of 3

Time Left: 79

If Salary Column values (2000, 500, 4000, 4100), then what will be the output of following command?

```
SELECT SUM (Salary), AVG (Salary) from emp;
```

Select the correct option

Reload Math Equations

- 2650, 10600
- 10600, 2650 ✓
- 1060, 2650
- 10060, 2650

Click to Save Answer & Move to Next Question

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### Assessment Quiz

Question # 3 of 3

Time Left:

If Salary (2000, 500, 4000, 4100), then what will be the output of following command?

```
SELECT MIN (Salary), Max (Salary) from emp;
```

Select the correct option

Reload Math Eq

- 2000, 500, 4000, 4100
- 4100, 500
- 4100, 4000
- 500, 4100 ✓

Click to Save Answer & Move to Next Question

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### Assessment Quiz

## Assessment

Question # 1 of 3

Time Left: 75

Salary Column values (2000, 500, 4000, 4100), then what will be the output of following command?

```
SELECT SUM (Salary), AVG (Salary) from emp;
```

Select the correct option

- 10600, 2650 ✓
- 2650, 10600
- 1060, 2650 ✗
- 10060, 2650

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### Assessment Quiz

Question # 2019

Time Left: 0

If Salary (2000, 500, 4000, 4100), then what will be output of following command?

```
SELECT MIN (Salary), Max (Salary) from emp;
```

Select the correct option

Reload Math Equ

- 4100, 500
- 500, 4100
- 2000, 500, 4000, 4100
- 4100, 4000

Click to Save Answer & Move to Next Question

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### Assessment Quiz

## t-Assessment

Question # 1 of 3

Time Left: 74

Group by clause is used in SQL to group data by

-----

Group value

Table value

Row value

Columns value

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### Assessment Quiz



Question # 1 of 3

Time Left: 70

GROUP BY clause is used in SQL to group data by

-----

Select the correct option



Reload Math Equat

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Group value

Table value

Row value

Columns value

Click to Save Answer & Move to Next Question

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Watermarkly



### Assessment Quiz



Question # 2 of 3

Time Left: 8

GROUP BY clause is used with the \_\_\_\_\_ statement to arrange identical rows into groups.

Select the correct option



Reload Math Equ

ALTER

SELECT



INSERT

CREATE

Click to Save Answer & Move to Next Question

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### Assessment Quiz



Question # 3 of 3

Time Left: 7

Which of the following functions used with group clause?

Select the correct option



Reload Math Equ

- Single row function
- Multi column function
- Multi row function ✓
- Return function

Click to Save Answer & Move to Next Question

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Watermarkly

# Assessment Quiz



## re-Assessment

Question # 1 of 3

Time Left: 1

Group by clause is used in SQL to group data by

-----

Select the correct option

Reload Math Equ

- Row value
- Table value
- Group value ✓
- Columns value

Click to Save Answer & Move to Next Question

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# Assessment Quiz



## Assessment

Question # 2 of 3

Time Left: 74 seconds

Which of the following functions used with group by clause?

The correct option is



Reload Math Equations

Return function

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Multi row function ✓

Multi column function

Single row function

Click to Save Answer & Move to Next Question

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# Assessment Quiz



## Pre-Assessment

Question # 3 of 3

Time Left

GROUP BY clause is used with the \_\_\_\_\_ statement to arrange identifiers into groups.

Select the correct option

Reload Math

- INSERT
- CREATE
- ALTER
- SELECT

Click to Save Answer & Move to Next Question

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## Assessment Quiz



### Assessment

on # 1 of 3

Time Left: 81 se

h of the following is the correct syntax for group se?

the correct option



Reload Math Equation

SELECT column1, column2 WHERE [ conditions ]  
GROUP BY column1, column2

SELECT column1, column2 FROM table\_name  
WHERE [ conditions ] GROUP BY column1, column2

SELECT column1, column2 FROM table\_name  
WHERE [ conditions ] GROUP BY Row1, Row2

CREATE column1, column2 FROM table\_name  
WHERE [ conditions ] GROUP BY column1, column2

Click to Save Answer & Move to Next Question

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# Assessment Quiz



## t-Assessment

Question # 2 of 3

Time Left: 76 s

Group by clause is used to group rows having \_\_\_ values.

Select the correct option



Reload Math Equation

- Group
- Multiple
- Single
- Same

Click to Save Answer & Move to Next Question

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## Assessment Quiz



Display maximum Amount and average amount each item from payment table.

Which of the following is the correct command for above given problem statement?

Select the correct option



Reload Math Equ

SELECT MAX (Amount), AVG (Amount) FROM item;

SELECT MAX (Amount), AVG (Amount) FROM payment Where name=item;

SELECT MAX (Amount), AVG (Amount) FROM payment GROUP BY Amount;

SELECT MAX (Amount), AVG (Amount) FROM

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## Assessment Quiz



### Post-Assessment

Question # 1 of 3

Time Left:

The having clause is used in combination with  
clause.

Select the correct option



Reload Math Eq

<input checked="" type="radio"/>	COLUMNS
<input type="radio"/>	WHERE
<input type="radio"/>	SINGLE ROW FUNCTION
<input type="radio"/>	GROUP BY

Click to Save Answer & Move to Next Question

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### Post-Assessment

Question # 2 of 3

Time Left: 1

Which of the following clause is used to filter the group data?

Select the correct option



Reload Math Equ

- Having
- Between
- Where
- Order by

Click to Save Answer & Move to Next Question

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# Assessment Quiz



## st-Assessment

Question # 3 of 3

Time Left: 85

The \_\_\_\_\_ clause places conditions on the selected columns, whereas the \_\_\_\_\_ clause places conditions on groups created by the GROUP BY clause.

Select the correct option



Reload Math Equa

HAVING, ORDER BY

WHERE, HAVING ✓

WHERE, GROUP BY

HAVING, WHERE

Click to Save Answer & Move to Next Question

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### Assessment Quiz

Calculate the average salary of each department, if there are at least 2 employees working in the department. Which of the following command is correct for the above giving problem?

Select the correct option

Reload Math Equation

SELECT avg (sal) FROM emp GROUP BY deptno HAVING count (\*) >3 ;

SELECT avg (sal) FROM emp HAVING count (\*) >3 ;


SELECT avg (sal) FROM emp GROUP BY deptno HAVING count (EMP) > 3;

SELECT avg (sal) GROUP BY deptno HAVING count (\*) > 3;

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Click to Save Answer & Move to Next Question

Assessment Quiz 

Suppose someone want to display average CGPA of each Gender where courses are CS403 or CS405 from **STUDENT** table.

Which of the following SQL command will be considered Correct?

**What is the correct option**




Reload Math Equation

```
SELECT avg(CGPA) FROM Student ORDER BY  
gender HAVING Course=CS403 OR  
COURSE=CS405;
```

```
SELECT avg(CGPA) FROM Student GROUP BY M  
AND Female HAVING Course=CS403 OR  
COURSE=CS405
```

```
SELECT avg(CGPA) FROM Student GROUP BY  
gender WHERE COURSE=CS403 OR  
COURSE=CS405;
```

```
SELECT avg(CGPA) FROM Student GROUP BY  
gender HAVING COURSE=CS403 OR  
COURSE=CS405;
```



Click to Save Answer & Move to Next Question

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### Assessment Quiz



Which of the following is the correct syntax for having clause?

Select the correct option



Reload Math Equation

SELECT column1, column2 FROM table1, table2  
WHERE column1, column2 HAVING [ operation ]

SELECT column1, column2 FROM table1, table2  
WHERE Row1, Row2 HAVING [ conditions ]

SELECT column1, column2 FROM table1, table2  
GROUP BY column1, column2 HAVING [ conditions ]

SELECT column1, column2 FROM table1, table2  
HAVING [ conditions ] GROUP BY column1, column2

Click to Save Answer & Move to Next Question

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Watermarkly

### Assessment Quiz

## Post-Assessment

Question # 1 of 3

Time Left: 8

The ORDER BY clause sorts the result set based on the \_\_\_\_\_ specified.

Select the correct option

- Columns ✓
- Keys ✗
- Rows
- Table

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### Assessment Quiz



Which of the following keywords are used to sort data in order by clause?

Select the correct option



Reload Math Equations

ASCN, DESCN

ASC, DESC

ASC, DESC ORDER

ASN, DESN

Click to Save Answer & Move to Next Question

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### Assessment Quiz



Determine the functionality of ORDER BY clause, in following command:

```
SELECT emp_name, city, age FROM Employee Order by age;
```

Select the correct option



Reload Math Equat

- Data of age column will be sorted in ascending order by default
- Data of age column will be sorted in descending order
- Display only age column
- Data of employee will be grouped according to ages ✓

Click to Save Answer & Move to Next Question

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## Assessment Quiz



### Post-Assessment

Question # 1 of 3

Time Left: 7

\_\_\_\_\_ are used to select the data from multiple tables.

Select the correct option



Reload Math Equations

Multi table functions

Primary Keys

Links

Joins ✓

Click to Save Answer & Move to Next Question

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## Assessment Quiz



### Post-Assessment

Question # 2 of 3

Time Left:

Joins are used to combine tables using a \_\_\_\_\_ value in both tables.

Select the correct option

Reload Math Ed

- Common key
- Join key
- Primary key
- Foreign key

Click to Save Answer & Move to Next Question

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### Assessment Quiz

### Post-Assessment

Question # 3 of 3

Time Left:

Inner join is performed on the basis of \_\_\_\_\_

Select the correct option

- Multi valued attribute ✓
- Common attributes
- Secondary key
- Derived attributes ✗

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## Assessment Quiz ✕

Question # 1 of 3

Time Left: 83

Which of the following is the correct syntax for inner join?

Select the correct option

 Reload Math Equations

SELECT \* FROM Course INNERJOIN Having  
Course.CrsD=Class.StdID;

SELECT \* FROM Course INNER JOIN Class ON  
Course.CrsId=Class.StdId;

SELECT \* FROM Course ON Class INNER JOIN;

SELECT \* FROM Course INNER JOIN Class WHE  
Course.CrsD=Class.StdID; ✓

Click to Save Answer & Move to Next Question

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## Assessment Quiz



# 3 of 3

Time Left: 83 sec

of the following is the correct syntax for SQL join?

ie correct option



Reload Math Equations

SELECT t1.column1, t1.column2 t2.colmn3 FROM  
table1 WHERE column=column;

Not confirm

SELECT t1.column1, t1.column2 t2.colmn3 FROM  
table1 t1, table2 t2 WHERE t1.column=t2.column;

SELECT t1.column1, t1.column2 t2.colmn3 FROM  
table1 t1, table2 t2 WHERE t1.Attribute=t1.Attribute;

SELECT t1.column1, t1.column2 t2.colmn3 FROM  
table1 t1, table2 t2 WHERE t1.join=t2.join;

Click to Save Answer & Move to Next Question

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## Assessment Quiz



### -Assessment

Question # 1 of 3

Time Left: 64 s

Want to display list of student's name, address, id and name of teachers.

Which of the following will be the correct SQL command?

SELECT s.name, s.address, s.sid, t.name, t.id FROM Student s, Teacher t WHERE t.sid=t.tid;

SELECT s.name, s.address, t.sid, t.name FROM Student s WHERE s.sid=t.sid;

SELECT s.name, s.address, s.sid, t.name FROM Student s, Teacher t WHERE s.sid=t.sid;

SELECT \*FROM Student s, Teacher t WHERE s.sid=s.sid

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### Assessment Quiz



Which of the following is the correct syntax for inner join?

**the correct option**



Reload Math Equation

SELECT \* FROM Course ON Class INNER JOIN;

SELECT \* FROM Course INNER JOIN Having  
Course.CrsD=Class.StdID;

SELECT \* FROM Course INNER JOIN Class WHERE  
Course.CrsD=Class.StdID;

SELECT \* FROM Course INNER JOIN Class ON  
Course.CrsId=Class.StdId;

Click to Save Answer & Move to Next Question

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### Assessment Quiz ✕

of the following is the correct syntax for SQL join:

**the correct option**

 Reload Math Equations

SELECT t1.column1, t1.column2 t2.colmn3 FROM  
table1 t1, table2 t2 WHERE t1.join=t2.join;

SELECT t1.column1, t1.column2 t2.colmn3 FROM  
table1 t1, table2 t2 WHERE t1.Attribute=t1.Attribute,

SELECT t1.column1, t1.column2 t2.colmn3 FROM  
table1 t1, table2 t2 WHERE t1.column=t2.column;

SELECT t1.column1, t1.column2 t2.colmn3 FROM  
table WHERE column=column;

[Click to Save Answer & Move to Next Question](#)

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## Assessment Quiz



### Self-Assessment

Question # 1 of 3

Time Left: 85

\_\_\_\_\_ is used to join a table with itself.

Select the correct option



Reload Math Equat

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Theta join

Self join

Left outer join

Semi join

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Click to Save Answer & Move to Next Question





## Assessment Quiz



### t-Assessment

Question # 2 of 3

Time Left: 83 s

Which of the following is the correct syntax for inner

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SELECT \* FROM Course INNER JOIN Class WHERE Course.CrsD=Class.StdID;

SELECT \* FROM Course INNERJOIN Having Course.CrsD=Class.StdID;

SELECT \* FROM Course ON Class INNER JOIN;

SELECT \* FROM Course INNER JOIN Class ON Course.CrsId=Class.StdId;

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### Assessment Quiz



Which of the following is the correct syntax for inner join?

Select the correct option

 Reload Math Equations

- SELECT \* FROM Course INNER JOIN Class WHERE Course.CrsD=Class.StdID;
- SELECT \* FROM Course INNERJOIN Having Course.CrsD=Class.StdID;
- SELECT \* FROM Course ON Class INNER JOIN;
- SELECT \* FROM Course INNER JOIN Class ON Course.CrsId=Class.StdId;

Saving...

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### Assessment Quiz



Want to display list of student's name, address, id and name of teachers.

Which of the following will be the correct SQL command?

**Select the correct option**

 Reload Math Equations



SELECT s.name, s.address , t.sid, t.name FROM Student s WHERE s.sid=t.sid;



SELECT \*FROM Student s, Teacher t WHERE s.sid=s.sid



SELECT s.name, s.address , s.sid, t.name FROM Student s, Teacher t WHERE s.sid=t.sid;



SELECT s.name, s.address , s.sid, t.name, t.id FROM Student s, Teacher t WHERE t.sid=t.tid;

**Saving...**

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# Assessment Quiz



## e-Assessment

Question # 1 of 3

Time Left: 81

Self joins are used in \_\_\_\_\_ type of relationship

Select the correct option



Reload Math Equa

One to one

One to many

Recursive

Binary

Click to Save Answer & Move to Next Question

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## Assessment Quiz



### e-Assessment

Question # 1 of 3

Time Left: 8

Self joins are used in \_\_\_\_\_ type of relationships

Select the correct option

One to one

One to many

Recursive

Binary

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### Assessment Quiz



\_\_\_\_\_ is used to join a table with itself.

Select the correct option



Reload Math Equation

- Theta join
- Semi join
- Left outer join
- Self join

Click to Save Answer & Move to Next Question

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### Assessment Quiz



Question # 3 of 3

Time Left:

How many tables can be included in self join?

Select the correct option



Reload Math Ed



One



As many as you can



One or two



One or more

Click to Save Answer & Move to Next Question

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## Assessment Quiz

### t-Assessment

Question # 1 of 3

Time Left: 60

Which of the following is the correct syntax for self

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SELECT S1.name, S2.Course FROM Student S1  
WHERE S1.SID = S1.SID;

SELECT S1.name, S2.Course FROM Student S1,  
Student S2 ON S1.SID = S2.SID;

SELECT S1.name, S2.Course FROM Student S1 s  
join Student S2 WHERE S1.SID = S2.SID;

SELECT S1.name, S2.Course FROM Student S1,  
Student S2 WHERE S1.SID = S2.SID;

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## Assessment Quiz



Question # 2 of 3

Time Left: 80

SELECT e.ename, b.empno FROM ename, ename W  
empno=b.mgr

What is missing in the above given self-join staten

Select the correct option



Reload Math Equat

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Column name

Key word

Foreign key

Click to Save Answer & Move to Next Question

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## Assessment Quiz ✕

### Post-Assessment

Question # 3 of 3

Time Left: 6

What will be correct syntax for self-join to display Employee names who report to their managers considering below given relation named "employee"  
Employee (eid, ename, email, Phone, mang\_Id)

Select the correct option

 Report Main Equip

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- SELECT E1.name, E2.name FROM Employee E1, Employee E2 WHERE E1.eid=E2.mang\_Id;
- SELECT E1name, E2name FROM Employee E1, Employee E2 WHRE E1.eid=E2.mang\_Id;
- SELECT E1.name, E2.name FROM Employee E1, Employee E2 WHRE E1.eid=E2.mang\_Id;
- SELECT E1.name, E2.name FROM Employee E1 JOIN Employee E2 WHRE E1.eid=E2.mang\_Id;

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4 GHI	5 JKL	6 MNO
7 PQRS	8 TUV	9 WXYZ
0 +	⌫	

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4 GHI	5 JKL	6 MNO
7 PQRS	8 TUV	9 WXYZ
0 +	⌫	

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Phone number

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1	2 ABC	3 DEF
4 GHI	5 JKL	6 MNO
7 PQRS	8 TUV	9 WXYZ
0 +	⌫	

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### Assessment Quiz



Question # 1 of 3

Time Left: 8!

SQL subquery is usually added in the \_\_\_\_\_ c  
of the SQL statement.

Select the correct option



Reload Math Equa

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ORDER BY

WHERE

GROUP BY

HAVING

Click to Save Answer & Move to Next Questio

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### Assessment Quiz

Question # 2 of 3

Time Left: 84 s

Which of the following is the alternative of join to access data from multiple tables?

Select the correct option

Reload Math Equation

Group by clause

Cartesian product

Subquery

Alternate Query

Click to Save Answer & Move to Next Question

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## Assessment Quiz



Question # 2 of 3

Time Left: 80 s

Which of the following is the alternative of join to access data from multiple tables?

Select the correct option



Reload Math Equation

Group by clause

Cartesian product

Subquery

Alternate Query

Click to Save Answer & Move to Next Question

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### Assessment Quiz



Question # 3 of 3

Time Left: 86

Mostly subqueries are used when someone doesn't know \_\_\_\_\_ in the database.

Select the correct option



Reload Math Equat

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Table name

Exact value

Columns name

Key value

Click to Save Answer & Move to Next Question

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