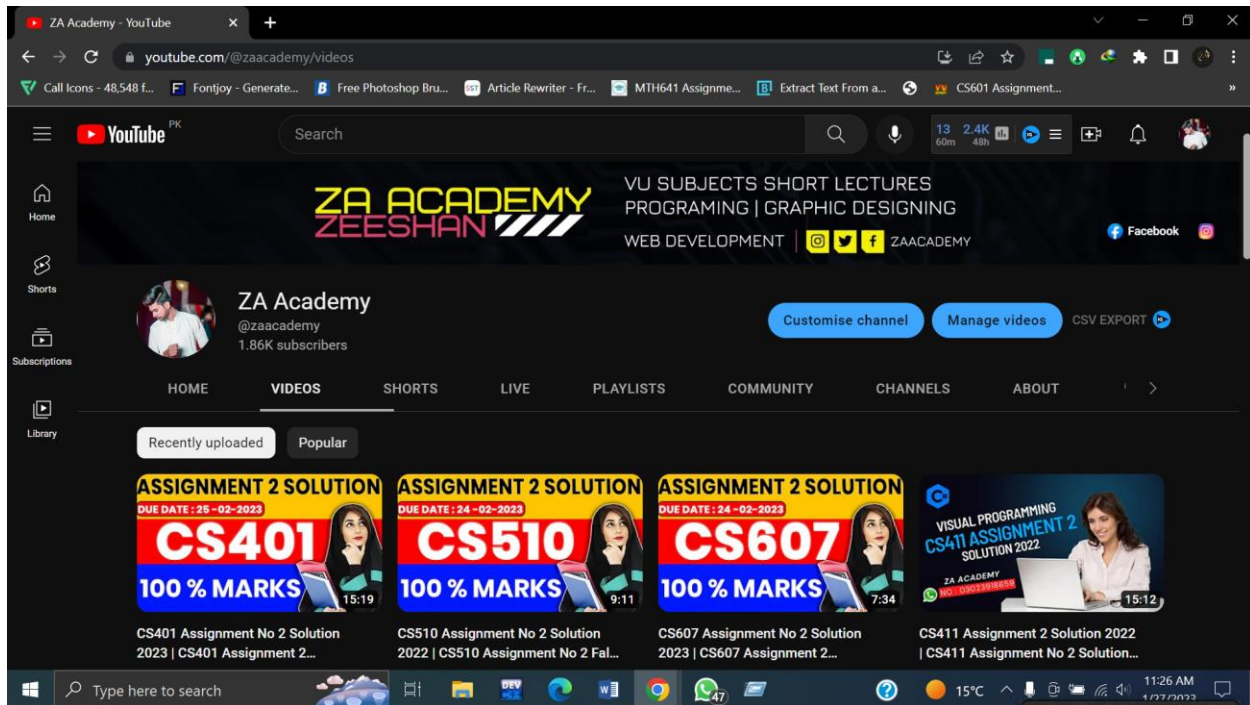


CS506 (WEB DESIGN AND DEVELOPMENT)

QUIZ SOLVED BY ZEESHAN(ZA ACADEMY)



→ In the context of HTTP Response Code, the values in 400s indicate that-----.

Ans. Error by client

→ 2) Servlet mapping is defined in -----.

Ans. web.xml

3) When a thread is in “New state” during its life cycle, it is-----.

Ans. Just created

→4) Web.xml is a-----.

Ans. Configuration file

5) Which of the following range of response code indicates that request was successful?

Ans. 200-299

6) Which of the following object contains information specific to a servlet?

Ans. ServletConfig

→7) Which of the following range of response code signify error by server?

Ans. 500-599

8) From the following packages which one is used to write the servlets?

Ans. Javax

9) addCookie() method of HttpServletResponse takes----- as a parameter and adds it to the cookie header.

Ans. Cookie object

→10) A servlet----- during its initialize stage.

Ans. Loads resource/s

→11) Which of the following folder contains configuration file?

Ans. WEB-INF

→12) Choose correct integer value for predefined Thread Priority “Thread.MIN_PRIORITY” in Java.

Ans. 1

→13) Web applications maintain the state of a user’s actions against multiple requests, because HTTP protocol is stateless.

Ans. True

14) If attribute is “name” and value is “Ahmed” then the GET request will be-----.

Ans. <http://www.gmail.com/register?name=ahmad>

→15) The newly created thread can be moved to “Ready State” by calling----- method.

Ans. start() method

16) Servlets are used to-----.

Ans. Provide dynamic web contents which extend web servers

17) Getrequest() method gets information from a client and postrequest() method posts data to a client.

Ans. False

→18) Which of the following is NOT a part of HTTP request?

Ans. Status code

19) Engine of the servlet is----- method.

Ans. service() method

20) HTTP response code 404 indicates that -----.

Ans. Requested resource is not available.

→21) Real world business objects are represented in-----.

Ans. Data Layer

→22) Which of the following approach can used to create thread in java?

Ans. Inheritance

23) Which of the following is NOT true about HTTP?

Ans. HTTP maintains user session between successive requests.

24) Which of the following is/are not correct about thread(s)?

Ans. Heavy weight

25) Which of the following range of response code signify error by the server?

Ans. 500-599

→26) Java_Home indicates the ----- of JDK.

Ans. root directory

→27) Choose line of code to inherit a worker class from thread class in Java.

Ans. Public class Worker extends Thread()

→Context attributes are shared among _____ servlet/s of _____ .

all, a web application

getrequest() method gets information from a client and postrequest() method posts data to a client.

False

Choose correct integer value for predefined Thread Priority "Thread.MIN_PRIORITY" in Java.

1

In web.xml, root tag _____ represents web application.

<web-app>

→In the context of HTTP Response Code, the values in the 400s indicate that _____.

error by client

Choose the correct statement by which thread 't' causes currently executing thread to block until thread 't' finishes its run() method.

thread2.join()

Which of the following approach can used to create threads in java?

Inheritance

JAVA_Home indicates the _____ of JDK.

root directory

→ In include type of request dispatcher, the first servlet which received request is also responsible to _____ .

finish response

→ When a thread is in "New state" during its life cycle, it is _____.

just created

→ Request and response of servlet are handled at _____ stage.

destroy

→ `setContentLength()` method of `HTTPServletResponse` sets the length of content by taking _____ parameter as length.

Integer

→ Choose correct integer value for predefined Thread Priority "Thread.MAX_PRIORITY" in Java.

10

In the context of HTTP Response Code, the values in the 200s signify that _____.

request was successful

`addCookie()` method of `HTTPServletResponse` takes _____ as a parameter and adds it to the cookie header.

cookie object

Servlets are used to

Provide dynamic web contents which extend web servers

→ 1. Which of the following interface needs to implement while creating threads?

- Serializable
- Runnable ✓
- ActionListener
- WindowListener

2. From the following which code can be used to create session object in the Servlet

- HttpSession session=req.getSession(true);
- HttpSession session=req.getSession(false);
- HttpSession session=req.getSession(1);
- HttpSession session=req.setSession(1); ✓

3. Servlet mapping is defined in ____.

- servlet
- web.xml ✓
- html
- JSP

4. "application" is a object of:

- ServletContext ✓
- HttpSession
- ServletConfig
- Both b and c

5. To provide global control of JSP we use following tag:

- <%@ %> ✓
- <%-- %>
- <%! %>
- <%= %>

→6. Which of the following statement is correct to assign maximum priority to thread "t2"?

- t2.setPriority(Thread.PRIORITY_MiX)
- t2.setPriority(Thread.PRIORITY_MAX)
- t2.setPriority(Thread.MAX_PRIORITY) ✓
- t2.setPriority(Thread.MIN_PRIORITY)

→7. Which of the following range of response code indicates that request was successful?

- 100-199
- 200-299 ✓

- 300-399
- 400-499

8. From the following methods, which method cannot be overridden in the JSP page

- `_jspService()` ✓
- `jspDestroy()`
- `jspInit()`
- both b and c

9. Which of the following problem occurs with lower priority threads?

- Race condition
- Starvation ✓
- Average waiting time
- Process death

10. Packages are the way to organize files into different ___ according to their functionality, usability as well as the category they should belong to.

- Directories ✓
- Folders
- Libraries
- both b and c

11. From the following tags, which one is the Special JSP tag?

- `<jsp: />`
- `<%! %>`
- `<%= %>`
- `<%@ %>`

12. From following methods; which method is not a part of the JSP life cycle?

- `jspInit()`
- `jspService`
- `_jspService()`
- `jspDestroy()`

13. `getId()` returns the unique ID of

- Current session
- Previous Session
- Next session
- Both b and c

14. Client is referred as a

- Computer user
- Computer that a person is using for communication purpose
- Person which carry out web surfing
- None

→15. Which of the following method allows any other thread of the same priority to execute?

- sleep()
- wait()
- notify()
- yield()

16. JSP scripting elements is/are

- Declarations
- Scriptlets
- expressions
- All of these

Cs506 quiz 1 (lecture 23-33) Feb 3-21

→ Java servlets are NOT automatically switch to URL Rewriting when cookies are not supported or disabled by the client.

False

→ JSP uses print() statements to generate HTML

False

→ Each web application has _____ servlet context/s

1

→ resources could be shared among all servlets in _____ application/s using _____

Same, ServletContext object

→ if "MyServlet" is placed in "myapp" folder, then you can access "MyServlet" by writing _____ url in browser.

<http://localhost:8080/myapp/MyServlet>

→ "Ready State" means a thread is in _____

Ready queue

→ Which of the following is the main idea behind partitioning a web application into layers?

Reduce Coupling.

→ Choose correct line of code to start a thread 't' in Java.

t.start()

→ The _____ method is used, when one thread wants to wait for another thread's run method to complete its execution.

join()

→ After some amount of time, session object of HttpSession class gets terminated automatically.

True

→ Which of the following is not true about HTTP?

HTTP is a stateless protocol

HTTP is a request response communication mode

HTTP maintains user session between successive requests

HTTP has no built-in state management between successive requests.

→ Packages are the way to organize files into different directories according to their functionality, usability as well as the category they should belong to.

True

→ In 3-layer architecture, we do NOT make any direct calls to database from the presentation layer.

True

→ The method "getid" of HttpSession class returns the unique identifier of session.

True

→ Choose correct integer value for predefined Thread Priority "Thread.MAN_PRIORITY" in Java.

10

→ addCookies() method of HttpServletResponse takes _____ as a parameter and adds it to the cookies header.

Ip address

Cookies object

AC address

Session id

→ Inside <servlet-mapping> tag, first write _____ of the servlet using _____ tag in web.xml.
name, <servlet-name>

→ in the context of java Thread, sleep() method throws _____ exception.

Interrupted

Input output

File not found

Index out of bound

→ Layers are isolated from each other to increase coupling between them.

False

→ Servlets are used to

Create graphics

Provide dynamic web contents which extend web servers

Develop applets

Create GUI

→ 3-layer architecture consists of presentation Layer, _____ Layer and Data Layer.

Application

Business

Server

client

→ Absence of cookies indicates that the user is visiting this site for the first time.

True

→ The method "getAttribute(string)" of HttpSession class extracts _____ stored value from a session object.

Subsequently

Currently

Previously

First

→ Cookies can be used for identifying a user during an e-commerce session

True

→ In _____ state, thread is assigned a processor to run.

new

Running

Ready

Dead

→ Presence of cookies indicates that the user is visiting this site for the first time.

False

→ Java provides an excellent solution to all the problems that occurred in tracking a session.

True

→ _____ is NOT the type of HTTP request.

Get

Post

Update

Delete

→ to compile a servlet (e.g. MyServlet.java) _____ command is used in command prompt.

Java

Javac

Java c

Java-c

→ The correct way to get user's session object is;

`HttpSession httpSession = request.getSession(true);`

→ Servlet context stores initialization parameters of _____

Of entire web application

One servlet

Of all web applications in servlet

A java file

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