

CS411 FINAL TERM SOLVED PAPER SUBJECTIVE (VISIT VURANK FOR MORE)

1) What is difference between `hover()` and `toggle()`? (2 marks)

Answer:

Difference b/w `hover()` and `toggle()` is that `toggle()` works by clicking it on and off whereas `hover()` works just by positioning the mouse over it.

2) Core Locations Framework contains which types of classes ? (2 Marks)

Answer: Page 218

Core Locations classes that enable finding geographical position. `distanceFilter` and `desiredAccuracy` properties.

3) When we preferred `BeginInvoke` instead of `Invoke` method? (2 Marks)

Answer:

There are times when you want to invoke a delegate and wait for its execution to complete before the current thread continues. In those cases the `Invoke` call is what you want.

In multi-threading applications, you may not want a thread to wait on a delegate to finish execution, especially if that delegate performs I/O (which could make the delegate and your thread block). In those cases the `BeginInvoke` would be useful.

4) What is difference between server Side programming and Client Side Programming? (3 Marks)

Server-side programming, is the general name for the kinds of programs which are run on the Server.

Uses

- *Process user input.*
- *Display pages.*
- *Structure web applications.*
- *Interact with permanent storage (SQL, files).*

Much like the server-side, Client-side programming is the name for all of the programs which are run on the Client.

Uses

- *Make interactive webpages.*
- *Make stuff happen dynamically on the web page.*
- *Interact with temporary storage, and local storage (Cookies, local Storage).*
- *Send requests to the server, and retrieve data from it.*
- *Provide a remote service for client-side applications, such as software registration, content delivery, or remote multi-player gaming.*

5) Define iOS feature of Block and also provide its syntax ? (3 Marks)

Answer:

Blocks are a new feature that was introduced in iOS 4.0 and Mac OSX 10.6. Blocks can greatly simplify code. They can help you reduce code, reduce dependency on delegates, and write cleaner, more readable code.

A Block is a chunk of code that can be executed at some future time.

Blocks are [first-class functions](#), which is a fancy way of saying that Blocks are regular Objective-C objects. Since they're objects, they can be passed as parameters, returned from methods and functions, and assigned to variables.

Syntax: return_type (^block_name)(param_type, param_type, ...)

6) Name of Touch Events only three? (3 Marks)

Answer:

ontouchdown(e)

capturetouch(e)

ontouchmove(e)

7) Write a note on Retain count and also its working and usage? (5 Marks)

Answer:

"Retain count rules. Init, new, copy in name. Assume you own. Any other means. Assume in autorelease. If you dont own and want to make sure, call retain. No longer need and own than release or autorelease. When 0 count, dealloc called." - Direct from handbook, I have no idea what it means.

8) Define in detail modes of data binding (5 marks)

Answer:

Binding Modes:

- *One-Way*
- *Two-Way*
- *OneWayToSource*
- *OneTime*

One way : The target is updated whenever the source changes.

*Two-Way Binding means change to either the target or source updates the other
OneWayToSource is the opposite of One-Way binding. the source is changed
whenever the target changes.*

*One-Time binding is like one-way except changes to the source are not reflected
at the target. The target retains a snapshot of the source at the time the Binding is
initiated.*

MCQs:

1) -----which of the following response show internal server error

- *404*
- ***500***
- *200*
- *304*

2) -----which of the following response show file not found error

- ***404***
- *500*
- *200*
- *304*

3) ---interact with web page layout

- *Java script*
- ***HTML***
- *XML*
- *DOM*

4) ---which of the following technologies is not used in AJAX

- *DOM*
- *DHTML*
- ***Flash(I think)***
- *Css*

5) ----in Xaml browser application ,how much isolated memory we can use?

- *256kb*
- *128*
- ***512***
- *1024*

Subjective:

1) Define the term “ios application bundle” /2 marks

Answer:

"A bundle is a [directory](#) that allows related resources such as an application's executable and its graphics to be grouped together, appearing as a single file to the user." - Wikipedia

2) Can the operating system distinguish between windows with WPF contents and windows with Win32 contents /2

Answer:

Yes, we can even create Host WPF content in a Win32 window and vice versa.

3) What will be the efficient way of applying the same style on all paragraphs of HTML page?also provide an example //3

Answer:

A technique is to collect all our CSS rules in one place, a style sheet, and then apply the style sheet to every single element on the page. An embedded style sheet affects every element on the page. In order to create an embedded style sheet, we need to go to the head of the document.

```
/span>html>
/span>head>
  /span>title>Hello World</title>
  /span>style type="text/css">
    p {color: #008000; background: #ffff00}
  </style>
</head>
/span>body>
  /span>h1>Hello World</h1>
</body>
```

4) How can you refresh the current page in WPF Navigation based application? /3

Answer:

`This.navigationservice.Refresh();`

(GOOD LUCK FOR FINAL EXAM)
(KEEP VISITING VURANK FOR MORE)