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Homework

# Question 1

If there is a file “hello.jsp” in applicaton “helloapp”, its file path like this:  
<CATALINA\_HOME>/webapps/helloapp/hello/hello.jsp, then what’s the URL to access “hello.jsp” in browser?

(A) http://localhost:8080/hello.jsp

(B) http://localhost:8080/helloapp/hello.jsp

(C) <http://localhost:8080/helloapp/hello/hello.jsp>

# Question 2

If there is a file “HelloServlet” in applicaton “helloapp”, and”HelloServlet”is in the package “org.javathinker”, then which path will the class file “HelloServlet” be put in?

(A) helloapp/HelloServlet.class

(B) helloapp/WEB-INF/HelloServlet.class

(C) helloapp/WEB-INF/classes/HelloServlet.class

(D)helloapp/WEB-INF/classes/org/javathinker/HelloServlet.class

# Question 3

If there is a file “HelloServlet” in applicaton “helloapp”, and the web.xml file:

<servlet>

<servlet-name> HelloServlet </servlet-name>

<servlet-class>org.javathinker.HelloServlet</servlet-class>

</servlet>

<servlet-mapping>

<servlet-name> HelloServlet </servlet-name>

<url-pattern>/hello</url-pattern>

</servlet-mapping>

then which URL access “HelloServlet” in the browser?

(A) <http://localhost:8080/HelloServlet>

(B) <http://localhost:8080/helloapp/HelloServlet>

(C) <http://localhost:8080/helloapp/org/javathinker/hello>

(D) <http://localhost:8080/helloapp/hello>

# Question 4

From HTTP request, which method will be called to get the requested parameters?

(A)To call the method getAttribute() of HttpServletRequest object

(B)To call the method getAttribute() of ServletContext object

(C)To call the method getParameter() of HttpServletRequest object

# Question 5

Who create the object ServletContext?

(A) Servlet container，Servlet container will always create a ServletContext object for each http request

(B) JavaWeb application itself will create a ServletContext object

(C) Servlet container, at startup, Servlet container will create a ServletContext object for each JavaWeb application

# Question 6

About the lifecycle, when will these objects ServletRequest, ServletResponse, Servlet and ServletContext be created and destroyed?

Answer:

On the lifecycle using ‘init’ is to execute once when the Servlet is first loaded. The Service will be called in a new thread by server for each request and it dispatches doGet , doPost and others. It can handles GET, POST and also override these to provide desired behavior. It has ‘destroy; to deletes the server that was called.

# Question 7

jspForward1.jsp will transfer the request to jspForward2.jsp, and the request has username (“John”), how to implement?

(A) request.setParameter(“John”);

(B) request.setAttribute(“username”, “John”);

(C) <a href=“jspForward2.jsp? username= “John”>jspForward2.jsp</a>

# Question 8

What’s the result of the codes when second time to access the JSP page in browser?

<!% int a=0; %>

<%

int b=0;

a++;

b++;

%>

a:<%= a %> <br>

b:<%= b %>

(A) a=0 b=0

(B) a=1 b=1

(c) a=2 b=1

# Question 9

Which one is correct?

(A) Servlet container will create an object HttpSession for each request to access file “maillogin.jsp”.

(B) Each object HttpSession has a unique ID.

(C) JavaWeb application must be responsible to assign a unique ID

# Question 10

What to do, if not hope JSP page support Session?

(A) To call the method invalidate() of HttpSession

(B) <%@ page session= “false”>

# Question 11

Use the JSP to finish the User Register functionality for a web page.

* Need database support;
* And the validation on each item and give warning message if error;
* After user registered, first check if the user exists in the database or not. If not, then save the user information to database. If yes, go to a alert page.