

Homework

Question 1

If there is a file “hello.jsp” in application “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 application “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 application “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?

To create and destroy the said objects init() method shall be used.

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) jspForward2.jsp

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.

