Exam Simulator

Questions   PiotrNowicki.com

Q29 - Annotation Servlets Definition [3]

Considering the following Servlet code, choose the statements which are true:

```
package com.nullhaus;

import javax.servlet.annotation.*;
import javax.servlet.http.*;

@WebServlet(urlPatterns="/nullHausServlet")
class NullHausServlet extends HttpServlet {
}
```

a. This is a valid usage of `@WebServlet` annotation which runs fine

b. This is an invalid usage of `@WebServlet` annotation, because of the wrongly formed `url-pattern` value

c. This is an invalid usage of `@WebServlet` annotation, because there is a "`urlPattern`" attribute - not "`urlPatterns`"

d. This is an invalid usage of `@WebServlet` annotation, because the "`urlPatterns`" attribute should be an array of Strings - not a single String value

e. This is a valid usage of `@WebServlet` annotation, but the servlet can't be accessed

f. The name of this servlet is "`com.nullhaus.NullHausServlet`"

g. This code doesn't compile

Hide answer

e, f

Reference: page 62, 8.1.1 "@WebServlet"

Explanation: The only catch in this example is that the `NullHausServlet` has a **package (default) access modifier**, which makes the Servlet **useless for the container**.

The default name of the servlet -- if it's "name" attribute is not specified -- is a **fully-qualified class name**.

Also note that even that the `urlPatterns` operates on `String` array, you can define **only one** `String` **element**, which you pass as a value.