**JSP Custom Tags Quiz**

1. Rewrite the JSP page in the first demo (forEach) to use scripting instead of the JSTL forEach.

<%@ page import="model.Student" %>

<html><body>

<table>

<%

Object[] objects = (Object[]) request.getAttribute("students");

for (Object o : objects) {

Student s = (Student) o;

out.print("<tr>");

out.print("<td>" +s.getName() + "</td>");

out.print("<td>"+s.getAge() + "</td>");

out.print("</tr>");

}

%>

</table>

</html></body>

1. How do custom tags relate to JSTL?

JSTL is a standard library of JSP actions, but JSP allows developers to create their own actions.

1. What is the role of the URI in the TLD and the taglib directive?

The URI is a unique identifier in the Tag Library Descriptor (TLD). In other words, it’s a unique name for the tag library the TLD describes.

The URI is what you put in your taglib directive. It’s what tells the Container how to identify the TLD file within the web app, which the Container needs in order to map the tag name used in the JSP to the Java code that runs when you use the tag.

1. What is a tag handler class?

The classes and interfaces used to implement classic tag handlers are contained in the javax.servlet.jsp.tagext package.

1. What is the role of attribute setters in a tag handler class?
2. What is the role of the doTag() method in a tag handler class?

This method will be called by JSP servlet to render custom tag.

1. What does the operation getJspContext().getOut().write(“Hi Bob”) do when called in a doTag() method?

Write out the text “Hi Bob” to JSP page.

1. What does the operation getJspBody().invoke(null) do when called in a doTag() method?

Process the body of the tag and print it to the response”. The null argument means the output goes to the response rather than some OTHER writer you pass in.