

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

```
<% Student[] table = (Student)request.getAttribute("students");  
    For (Student s : table) {%>  
  
<tr>  
  
<td><%=s.getName() %></td>  
  
<td><%=s.getAge() %></td>  
  
</tr>  
  
<% } %>
```

2. How do custom tags relate to JSTL?

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

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

It is a unique identifier for a set of custom tags. It allows the container to find the TLD for the tags in that taglib directive.

4. What is a tag handler class?

Java class that extends SimpleTagSupport. It has a doTag method to generate the markup for the tag, and setters for any attributes in the tag. Tag developer writes this class.

5. What is the role of attribute setters in a tag handler class?

The container will call the setters to give the tag handler object the values from the tag attributes so that the doTag method can use these values when generating the markup

6. What is the role of the doTag() method in a tag handler class?

Generating the markup for the tag.

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

It will write "Hi Bob" in the output stream.

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

Processing the body of the tag—meaning that any template text will be sent to the output stream and any JSP scripting or EL will be evaluated and included in the output text.