

Session 10a

Quiz Preparation

Quiz Format

- 1-2 pages of questions
- 10-15 minute time limit
- Questions cover all material through servlets
- TAs and instructor will only answer questions during the exam to clarify the language of a question (no hints or answer confirmations)
- For substantial programming questions, an API will be provided. If no API, grading will be more flexible

No API expected for Quiz#1

Preparation

- Reread all slides
- Work all code examples in slides (including tracks).
- Test your understanding of key concepts through discussions with your study group

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Sample Question

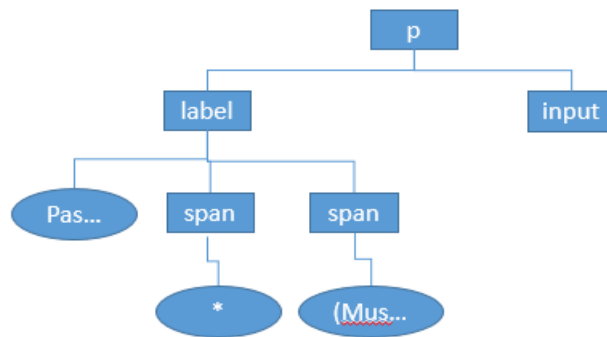
- Answer the following questions for the html fragment given below.
 - (a) For the html fragment shown in the beginning of this question, draw the node tree that corresponds to the html. Draw the tree in the space below. You can draw a text node as an oval and an element node as a rectangle. You do not need to include all the text in a text node, just the first two or three characters

```
<p><label for="Password">Password:<span  
class="ibm-required">*</span>  
  <span class="cse336">(Must be at least 8  
characters)</span></label>  
<input name="Password" id="Password" size="42"  
type="password" value="enter password"  
onblur="validatePassword();" > </p>
```

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Sample Answer



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Sample Question

- (b) Write the `validatePassword()` JavaScript function that will remind the user if they forgot to enter text in the password field. If the value of the element is a null string the script will display an alert box with the message "enter password."

```
function validatePassword() {  
    var inputNode =  
document.getElementsByName("Password");  
    var myNode = inputNode.item(0);  
    if (myNode.value == "") alert("enter  
password");  
}
```

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Sample Question

- (c) The above JavaScript function will be contained in an html script tag. State the most appropriate location for the script tag. Explain your answer.
- The most appropriate place for a JavaScript function (such as the one in the example) is in a html script tag is within the html head element. This will ensure that the function is evaluated before it is called. If there is a large amount of JavaScript code (e.g., a large library) this might delay loading, so the code could be placed at the end of the body tag.