

COMP 322 Internet Systems Fall 2007 Quiz 1—Solutions

20 points total

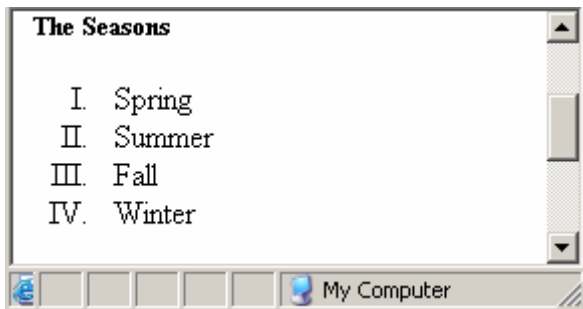
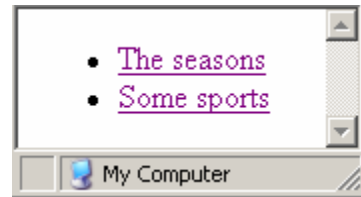
1 (10 points). Write the `table` element that produces the rendering shown at right. (It is the entire content of the body element in the HTML file.) The background color of the leftmost column is cyan. The cells in the first column of the body are the same kind of cells that appear in the head of the table.

	Quizzes			Exams	
	1	2	3	1	2
Paul	6	7	5	35	41
Janice	9	6	7	42	38

Answer

```
<table border="2" align="left">
  <caption >Results</caption>
  <colgroup>
    <col span = "1" bgcolor = "cyan">
  </colgroup>
  <thead>
    <tr><th rowspan="2"></th><th colspan="3">Quizzes</th>
      <th colspan="2">Exams</th></tr>
    <tr><th>1</th><th>2</th><th>3</th><th>1</th><th>2</th></tr>
  </thead>
  <tbody>
    <tr><th>Paul</th><td>6</td><td>7</td><td>5</td>
      <td>35</td><td>41</td></tr>
    <tr><th>Janice</th><td>9</td><td>6</td><td>7</td>
      <td>42</td><td>38</td></tr>
  </tbody>
</table>
```

2. The rendering at right is of file `prob2.html`, which is listed below with gaps. The body consists of a bulleted list with two items, each containing only an anchor (`a`) element specifying a hyperlink to an internal location in the file `file2.html` (also listed below with gaps), one named `seasons` and the other named `sports`. The internal location named `seasons` is at the start of an ordered list with uppercase Roman numerals as labels whose items are the seasons. When the anchor “The seasons” is clicked in the rendering of `prob2.html`, we see the rendering at left below. The internal location named `sports` is at the start of an ordered list with lowercase letters as labels whose items are some sports. When the anchor “Some sports” is clicked in the rendering of `prob2.html`, we see the rendering at right below.



The listings of HTML documents



`prob2.html` and `file2.html` with gaps are on this page and the next, respectively.

The gaps in the listings are labeled with Greek letters. These letters are repeated after each listing along with descriptions of the code that should go in the corresponding gaps. You there supply the missing code.

```

<html>
<head>
  <title>Problem 2</title>
</head>
<body>
  <ul>
    <li>
      <u>
        _____
      </u>
    </li>
  </ul>
</body>
</html>

```

α (2 lines—4 pts.): Two list items, each containing an anchor element. The first has content `The seasons` and a hyperlink to the internal location named `seasons` in document `file2.html`. The second has content `Some sports` and a hyperlink to the location name `sports` in document `file2.html`.

Answer

```

<li><a href="file2.html#seasons">The seasons</a></li>
<li><a href="file2.html#sports">Some sports</a></li>

```

```

<html>
<head>
  <title>Problem 2, Second File</title>
</head>
<body>
<h3>Lists of Seasons and Sports</h4>
<br/>
<br/>

  β
  <h5>The Seasons</h5>

  γ
  <li>Spring</li>
  <li>Summer</li>
  <li>Fall</li>
  <li>Winter</li>

  δ

  ε
  <h5>Some Sports</h5>

  ζ
  <li>Track and Field</li>
  <li>Baseball</li>
  <li>Football</li>
  <li>Basketball</li>

  δ
</body>
</html>

```

β (1.5 pts.): Associate the name `seasons` (a *fragment identifier*) with this location (point—no content is included).

Answer

```
<a name="seasons"></a>
```

γ (1.5 pts.): The opening tag for an ordered list with uppercase Roman numerals as labels

Answer

```
<ol type="I">
```

δ (occurs twice—1 pt.): The closing tag for an ordered list

Answer

```
</ol>
```

ε (1 pt.): Associate the name `sports` with this location (point).

Answer

```
<a name="sports"></a>
```

ζ (1 pt.): The opening tag for an ordered list with lowercase letters as labels

Answer

```
<ol type="a">
```