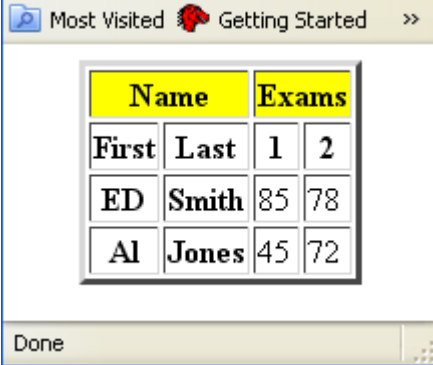


## COMP 322 Internet Systems Fall 2008 Quiz 1—Solutions

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 border is three pixels wide. The entire table is aligned in the center. The table head has two rows, and the table body has two rows. The background color of the first row of the table head is yellow. The second cell in the first row of the head is center aligned; other cells take the default alignment. The cells in the first two columns of the body are the same kind as the cells in the head.



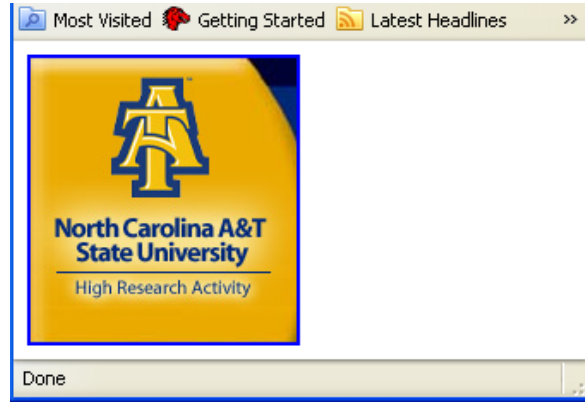
The screenshot shows a browser window with a table. The table has a yellow header row with two columns: 'Name' and 'Exams'. The 'Name' column is further divided into 'First' and 'Last' sub-columns. The 'Exams' column is divided into two sub-columns with values 1 and 2. The first data row contains 'ED' and 'Smith' in the name columns, and '85' and '78' in the exams columns. The second data row contains 'Al' and 'Jones' in the name columns, and '45' and '72' in the exams columns. The browser window has a title bar with 'Most Visited' and 'Getting Started' buttons, and a 'Done' button at the bottom.

Name		Exams	
First	Last	1	2
ED	Smith	85	78
Al	Jones	45	72

### Solution

```
<table border="3" align="center">
  <thead>
    <tr bgcolor="yellow"><th colspan="2">Name</th>
      <th colspan="2" align="center">Exams</th></tr>
    <tr><th>First</th><th>Last</th><th>1</th><th>2</th></tr>
  </thead>
  <tbody>
    <tr><th>ED</th><th>Smith</th><td>85</td><td>78</td></tr>
    <tr><th>Al</th><th>Jones</th><td>45</td><td>72</td></tr>
  </tbody>
</table>
```

2 (10 pts.). The rendering shown at right is of an HTML document containing only an image and an image map for it. The image is 155 pixels wide and 165 pixels high. The image map is named “logo”. There are two hotspots. One is a rectangle with one corner 10 pixels from the picture’s left margin and 10 pixels from the top margin; the other corner is 70 pixels from the top and 155 pixels from the left. The alternative text is “Some Faculty”. When this hotspot is clicked, document `facts.html` is loaded and displayed at a location (in the document) named `faculty`. The other hotspot is a rectangle with one corner 10 pixels from the picture’s left margin and 80 pixels from the top margin; the other corner is 145 pixels from the left and 155 pixels from the top. The alternative text is “Some Students”. When this hotspot is clicked, document `facts.html` is again loaded and displayed, this time at a location named `students`. The image file is `logo.jpg`. The `img` element referencing this image declares dimensions the same as the image itself. The alternative text is “Info”.



Write the map and `img` elements as described here.

### Solution

```
<map name="logo">
  <area href="facts.html#faculty" shape="rect"
        coords="10,10,145,70" alt="Some Faculty">
  <area href="facts.html#students" shape="rect"
        coords="10,80,145,155" alt="Some Students">
</map>


```