**Sample midterm 2 key**

1. a)



b)



**2.**

<div id="main">

 <div id="column1">

 <h1>Zen Garden</h1>

 <div id="slogan">

 <p>A demonstration of...</p>

 </div>

 <div id="enlightenment">

 <h3>The Road to Enlightenment</h3>

 <p>Littering a dark and dreary road lay...</p>

 <p>Today, we must clear the mind...</p>

 <div id="selectadesign">

 <h3>Select Design</h3>

 <ul><li><a href="">Under the Sea!</a> by Eric Stoltz</li>

 <li><a href="">Make 'em Proud</a> by Michael McAghon and Scotty</li>...</ul>

 </div>

 </div>

 </div>

 <div id="whatabout">

 <h3>So What is This About?</h3>

 <p>There is clearly a need for CSS to be taken seriously...</p>

 <p>CSS allows complete and total control over the style of a hypertext doc...</p>

 <h3>Participation</h3>

 <ul>

 <li>Graphic artists only please. You are modifying this page...</li>

 <li>Zen editors modify the style sheet in any way you wish, but not ...</li>

 </ul>

 </div>

</div>

body {

 background-image: url("heading.gif");

 background-repeat: no-repeat;

 color: #471C47;

 font-family: Verdana, sans-serif;

 font-size: 9pt;

}

#main { margin-left: 130px; }

h1 { display: none; }

#slogan { font-style: italic; }

#selectadesign { border-top: 3px solid #A690AF; }

#selectadesign a { font-weight: bold; }

#enlightenment {

 background-image: url("toad.png");

 background-repeat: no-repeat;

 background-position: right bottom;

 float: left;

 padding-right: 1em;

 width: 26em;

}

#whatabout {

 background-color: #A690AF;

 border: 2px solid #471C47;

 float: left;

 padding: 1em;

 width: 21em;

}

#whatabout h3 { text-align: right; }

3. <h1>Elevate-It!</h1>

<?php

if (!isset($\_GET['profile'])) {

 ?>

 <form action="">

 <p>Select an elevation profile:</p>

 <p><select name="profile">

 <?php

 foreach(glob("\*.dat") as $name) {

 ?>

 <option><?= $name ?></option>

 <?php

 }?>

 </select></p>

 <p><input type="submit" value="Elevate-It!" /></p>

 </form>

 <?php

} else {

 ?>

 <p>Elevation data for <?= $\_GET['profile'] ?>:</p>

 <?php

 $sum = 0;

 foreach(file($\_GET['profile']) as $line) {

 list($dist, $elev) = explode(',', $line);

 $sum += $elev;

 }

 ?>

 <p>Total gain/loss: <?= $sum; ?></p>

 <?php

}

?>