**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

}

?>