Lesson 6

1

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

<title>Challenge: A classy gallery</title>

<style>

body {

font-family: cursive;

}

.image-small{

width: 150px;

}

.image-medium {

width: 200px;

}

.black-frame {

border: 8px double rgb(38, 38, 38);

}

.gold-frame {

border: 10px ridge rgb(255, 183, 0);

}

.silver-frame {

border: 10px groove rgb(204, 204, 204);

}

</style>

</head>

<body>

<h1>A classy gallery</h1>

<img class="image-small black-frame" src="https://www.kasandbox.org/programming-images/animals/cat.png">

<img class="image-medium silver-frame" src="https://www.kasandbox.org/programming-images/animals/fox.png">

<img class= "image-medium silver-frame"src="https://www.kasandbox.org/programming-images/animals/penguins.png">

</body>

</html>

2

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

<title>Challenge: Classes of elements</title>

<style>

h2.metal {

background:red;

color:white;

}

h2.non-metal {

background:blue;

color: white;

}

h2.semi-metal {

background:purple;

color: white;

}

</style>

</head>

<body>

<h1>The Periodic Table</h1>

<p>

There are three broad classes of elements:

<strong class="metal">metals</strong>,

<strong class="non-metal">non-metals</strong>,

and <strong class="semi-metal">semi-metals</strong>.

</p>

<h2 class="metal">Metals</h2>

<ul>

<li>Solid</li>

<li>Good conductors of electricity</li>

<li>Ductile</li>

<li>Malleable</li>

</ul>

<h2 class="non-metal">Non-metals</h2>

<ul>

<li>Brittle</li>

<li>Poor conductors</li>

</ul>

<h2 class="semi-metal">Semi-metals (Metalloids)</h2>

<ul>

<li>Partially conduct electricity</li>

</ul>

</body>

</html>

3

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

<title>Challenge: Descendants of Khan</title>

<style>

table .emperor {

font-family: cursive;

background:red;

}

table .reign {

font-family: monospace;

background:r;

}

</style>

</head>

<body>

<h1>Descendants of Khan</h1>

<p><strong class="emperor">Genghis Khan</strong> (<span class="reign">1206-1227</span>) was a emperor who had many sons and daughters, and many famous emperors are descended from him. (But not Sal Khan!)</p>

<table>

<thead>

<tr>

<th>Name</th>

<th>Reign</th>

</tr>

</thead>

<tbody>

<tr>

<td class="emperor">Ögedei Khan</td>

<td class="reign">1229-1241</td>

</tr>

<tr>

<td class="emperor">Kublai Khan</td>

<td class="reign">1260-1294</td>

</tr>

<tr>

<td class="emperor">Temür Khan</td>

<td class="reign">1294-1307</td>

</tr>

</tbody>

</table>

</body>

</html>

4

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

<title>Challenge: Grouped animals</title>

<style>

p {

font-family: sans-serif;

}

img {

max-width: 150px;

}

h1,h2 {

font-family: fantasy;

border-bottom: 1px solid rgb(230, 230, 230);

padding: 3px;

}

h1:hover, h2:hover{

background-color: rgb(248, 255, 199);

}

</style>

</head>

<body>

<h1>Animal group names</h1>

<p>For many species of animals, there are names that we use to refer to a group of them - like a flock of birds. Here are a few you might not know.</p>

<h2>A skulk of foxes</h2>

<p>Also called a "leash."</p>

<img src="https://www.kasandbox.org/programming-images/animals/fox.png">

<img src="https://www.kasandbox.org/programming-images/animals/fox.png">

<h2>A clowder of cats</h2>

<p>Also called a "pounce", "glaring", "kindle", or "clutter."</p>

<img src="https://www.kasandbox.org/programming-images/animals/cat.png">

<img src="https://www.kasandbox.org/programming-images/animals/cat.png">

<p>

<a href="http://en.wikipedia.org/wiki/List\_of\_animal\_names">Learn more on Wikipedia</a>

</p>

</body>

</html>