**Question 1: Code**

File name: Q1.html

<!doctype html>

<html>

<head>

<title> Question 1 | lab 2 </title>

</head>

<h1> Html Frame </h1>

<frameset cols ="40%,30%,30%">

<frameset rows ="50%,50%">

<frame src = "1.html">

<frame src = "2.html">

</frameset>

<frameset rows ="50%,50%">

<frame src = "3.html">

<frame src = "4.html">

</frameset>

<frame src = "5.html">

</frameset>

<noframes>

<body> Your browser doesn't support frameset </body>

</noframes>

</html>

Link File name: 1.html

<!doctype html>

<html>

<head>

<title> frame 1 </title>

<style>

body {

background-color: red;

height:500px;

}

</style>

</head>

<body>

<h1> frame 1 </h1>

</body>

</html>

Link File name: 2.html

<!doctype html>

<html>

<head>

<title> frame 2 </title>

<style>

body {

background-color: yellow;

height:500px;

}

</style>

</head>

<body>

<h1> frame 2 </h1>

</body>

</html>

Link File name: 3.html

<!doctype html>

<html>

<head>

<title> frame 3 </title>

<style>

body {

background-color: green;

height:500px;

}

</style>

</head>

<body>

<h1> frame 3 </h1>

</body>

</html>

Link File name: 4.html

<!doctype html>

<html>

<head>

<title> frame 4 </title>

<style>

body {

background-color: yellow;

}

</style>

</head>

<body>

<h1> frame 4 </h1>

</body>

</html>

Link File name: 5.html

<!doctype html>

<html>

<head>

<title> Question 1 | lab 2 </title>

<style>

body {

background-color: red;

}

</style>

</head>

<body>

<h1> Page 1 </h1>

</body>

</html>

**Question 2: Code**

File Name: Q2.html

<!doctype html>

<html>

<head>

<title> Question 2 | lab 2 </title>

</head>

<body>

<h1> Figure and Caption </h1>

<figure>

<img src = "Desert.jpg" type = "image/jpg" alt = "Image doesn't support">

<figcaption> The figure and figrecaption element </figcaption>

</figure>

</body>

</html>

**Question 3: Code**

File Name: Q3.html

<!doctype html>

<html>

<head>

<title> Question 3 | lab 2 </title>

<style>

#first {

height:500px;

width:500px;

background-color:gray;

border:5px solid red;

}

#second {

height:500px;

width:500px;

background-color:gray;

border:5px solid green;

}

#third {

height:500px;

width:500px;

background-color:gray;

border:5px solid rellow;

}

</style>

</head>

<h1> Border proporties in div </h1>

<div id = "first"></div>

<div id = "second"></div>

<div id = "third"></div>

</html>

**Question 4: Code**

File Name: Q4.html

<!doctype html>

<html>

<head>

<title> Question 4 | lab 2 </title>

<style>

#first {

height:500px;

width:500px;

background-color:gray;

border:5px solid red;

padding-top:10px;

}

#second {

height:500px;

width:500px;

background-color:gray;

border:5px solid green;

padding-left:10px;

}

#third {

height:500px;

width:500px;

background-color:gray;

border:5px solid rellow;

padding-right:10px;

}

#fourth {

height:500px;

width:500px;

background-color:gray;

border:5px solid rellow;

padding-bottom:10px;

}

</style>

</head>

<h1> padding proporties in div </h1>

<div id = "first">This is the Text.</div>

<div id = "second">This is the Text.</div>

<div id = "third">This is the Text.</div>

<div id = "fourth">This is the Text.</div>

</html>

**Question 5: Code**

File name: Q5.html

<!doctype html>

<html>

<head>

<title> Question 5 | lab 2 </title>

<style>

div {

height:500px;

width:500px;

background-color:gray;

border:5px solid red;

margin:20px 20px 20px 20px;

}

</style>

</head>

<h1> Margin Properties </h1>

<div ></div>

</html>

**Question 6: Code**

File name: Q6.html

<!doctype html>

<html>

<head>

<title> Question 6 | lab 2 </title>

<style>

p {color: red;}

p.ex1 {display: none;}

p.ex2 {display: inline;}

p.ex3 {display: block;}

p.ex4 {display: inline-block;}

</style>

</head>

<body>

<h1>The display Property</h1>

<h2>display: none:</h2>

<div>

This is non block properties <p class="ex1">HELLO WORLD!</p> used.

</div>

<h2>display: inline:</h2>

<div>

This is inline properties <p class="ex2">HELLO WORLD!</p> used.

</div>

<h2>display: block:</h2>

<div>

This is block properties <p class="ex3">HELLO WORLD!</p>used

</div>

<h2>display: inline-block:</h2>

<div>

This is inline-block properties <p class="ex4">HELLO WORLD!</p>used.

</div>

</body>

</html>

**Question 7: Code**

File name: Q7.html

<!DOCTYPE html>

<html>

<head>

<title> Question 7 | lab 2 </title>

<style>

#first {

opacity: 0.1;

}

#second {

opacity: 0.5;

}

#third {

opacity: 0.8;

}

</style>

</head>

<body>

<h1>Image Transparency</h1>

<p>Image with 10% opacity:</p>

<img id="first" src="Desert.jpg" alt="Desert" width="170" height="100">

<p>Image with 50% opacity:</p>

<img id="second" src="Desert.jpg" alt="Desert" width="170" height="100">

<p>Image with 80% opacity:</p>

<img id="third" src="Desert.jpg" alt="Desert" width="170" height="100">

</body>

</html>