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# Assignment 1

1) write HTML code to create a Student Registration form.

HTML Code: -

```
<html>
  <head>
    <link href="form1.css" rel="Stylesheet">
    <title>
      Student's registration Form
    </title>
  </head>
  <body>
<div id = "form2">STUDENT REGISTRATION FORM</div><br>
<div id = "info">Basic Information</div><br>
<form>
<div id="full"> Full Name </div><br>
<div id="name">
<div id="First"><label>First Name</label></div>
<div id="first"><input type = "text" value="Enter First Name"></div>
<div id="middle"><label>Middle Name</label></div>
<div id="Middle" ><input type = "text" value="Enter Middle
Name"></div>
<div id="Last"><label>Last Name</label></div>
<div id="last" ><input type = "text" value="Enter Last Name"></div>
</div><br>
<label id="DOB">Date of Birth</label><br><br>
<input type="date" value="MM/DD/YYYY"><br><br>
<label id="gen">Gender</label><br><br>
<input list='scr'><br>
<datalist id='scr'>
  <option value="Male">
  <option value="Female">
</datalist><br>
<div id="Add">Address</div><br>
<input type="Address" value="Street Address"><br><br>
<input type="Address" value="Street Address Line 2"><br><br>
<input type="Address" value="City"><br><br>
<input type="Address" value="Region"><br><br>
<input type="Address" value="Pin Code"><br><br>
```

```

<label id = "num">Student Number</label><br><br>
<input type="number" value="e.g. 123456"><br><br>
<label id= "year">Year Level</label><br><br>
<input type="number" value="Please Enter"><br>
<div id="A.Y.">for incoming A.Y. "12-"13</div><br>
<label id="Degree">Degree Program</label><br><br>
<input type="text" id="Degree" required name='section'
list='scripts'><br>
<datalist id='scripts'>
    <option value ='BCA'>
    <option value='BBA'>
    <option value='B.tech'>
</datalist><br>
<label id="email">Email</label><br><br>
<input type="email" value="ex: myname@gmail.com" required><br>
</form>
<input type="button" value="Submit" onclick="submission()">
<script>
    function submission(){
    document.write("Your form has been submitted")
    }
</script>
</body>
</html>

```

CSS Code: -

```

#form2{
    font-size: 60px;
    text-align: center;
    color: rgb(4, 4, 4);
    word-spacing: 20px;
}
#info{
    color: rgb(21, 18, 18);
    font-weight: bold;
    padding: 20px;
    background-color: rgb(185, 185, 158);
}
#full,#DOB,#gen,#Add,#num,#year,#Degree,#email{
color: rgb(8, 7, 7);
}

```

```
#name{
    padding:5px;
    margin:5px;
}
```

Output: -

The screenshot shows a web browser window with the title 'Student's registration Form'. The address bar shows '127.0.0.1:5500/form1.html'. The main content area displays a form titled 'STUDENT REGISTRATION FORM' with a section header 'Basic Information'. The form includes the following fields:

- Full Name:** Three input fields for 'First Name', 'Middle Name', and 'Last Name'.
- Date of Birth:** A date picker field showing 'dd-mm-yyyy'.
- Gender:** A single-line text input field.
- Address:** A single-line text input field for 'Street Address'.

Below the 'Basic Information' section, the form continues with:

- Address:** Four input fields for 'Street Address', 'Street Address Line 2', 'City', and 'Region'.
- Pin Code:** A single-line text input field.
- Student Number:** A single-line text input field.
- Year Level:** A single-line text input field.
- for incoming A.Y. "12-"13:** A single-line text input field.
- Degree Program:** A single-line text input field.
- Email:** A single-line text input field with a placeholder 'ex: myname@gmail.com'.
- Submit:** A button labeled 'Submit'.

2) Write HTML code for creating Web page containing multiple MCQs.

HTML Code: -

```
<html>
  <head>
    <title>
```

```

        MCQ website
    </title>
</head>
<body>
    <h1>MCQ Questions</h1>
    <div>1. What does the abbreviation HTML stand for?</div>
    <br><button>HyperText Markup Language.</button>
    <br><button>HighText Markup Language.</button>
    <br><button>HyperText Markdown Language.</button>
    <br><button>None of the above.</button><br>
    <br><div>2. How many sizes of headers are available in HTML
by default?</div>
    <br><button>5</button>
    <br><button>1</button>
    <br><button>3</button>
    <br><button>6</button><br>
    <br><div>3. What is the smallest header in HTML by
default?</div>
    <br><button>h1</button>
    <br><button>h2</button>
    <br><button>h6</button>
    <br><button>h4</button><br>
    <br><div>4. What are the types of lists available in
HTML?</div>
    <br><button>Ordered, Unordered Lists.</button>
    <br><button>Bulleted, Numbered Lists.</button>
    <br><button>Named, Unnamed Lists.</button>
    <br><button>None of the above.</button><br>
    <br><div>5. HTML files are saved by default with the
extension?</div>
    <br><button>.html</button>
    <br><button>.h</button>
    <br><button>.ht</button>
    <br><button>None of the above</button><br>
    <br><button>Submit</button>
    </body>
</html>

```

Output: -

## MCQ Questions

1. What does the abbreviation HTML stand for?

- HyperText Markup Language.
- HighText Markup Language.
- HyperText Markdown Language.
- None of the above.

2. How many sizes of headers are available in HTML by default?

- 5
- 1
- 3
- 6

3. What is the smallest header in HTML by default?

- h1
- h2
- h6
- h4

4. What are the types of lists available in HTML?

- Ordered, Unordered Lists.
- Bulleted, Numbered Lists.
- Named, Unnamed Lists.
- None of the above.

5. HTML files are saved by default with the extension?

- .html
- .h
- .ht
- None of the above

Submit

3) Divide HTML into different frames and display different web page in those frames.

HTML Code: -

Our code for frame 1

```
<html>
  <head>
    <title>
      Frame 1
    </title>
  </head>
  <body>
    <h1>Frame One</h1>
  </body>
</html>
```

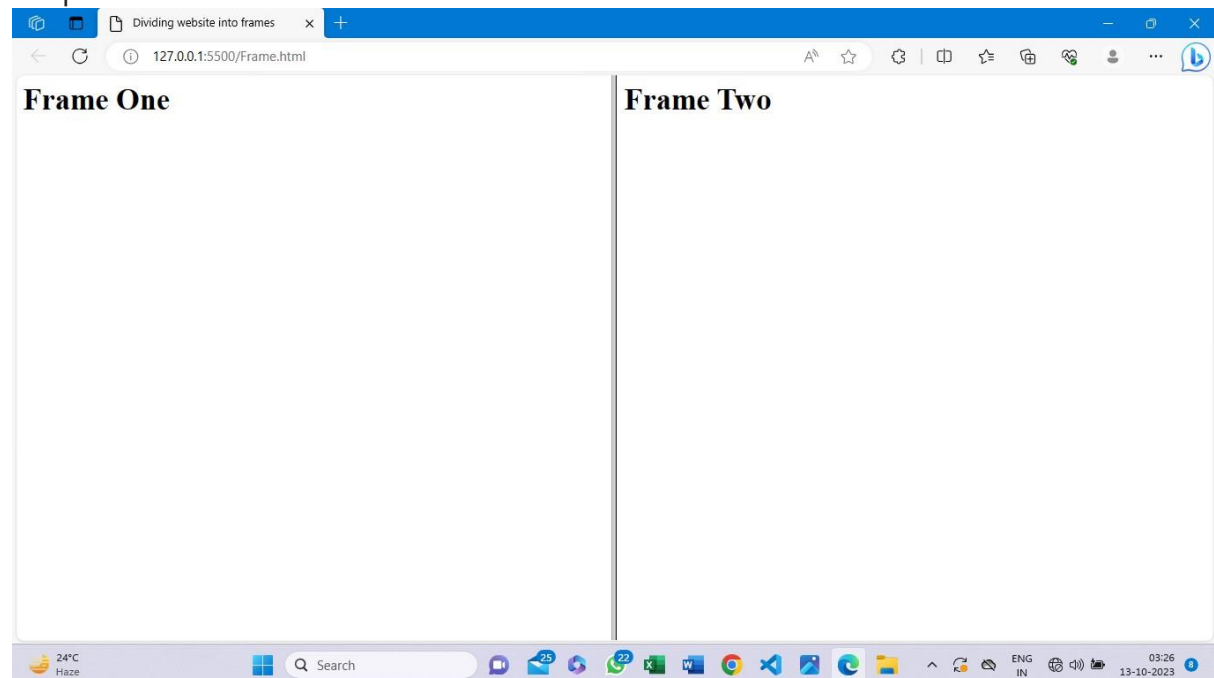
Our code for frame 2

```
<html>
  <head>
    <title>
      Frame 2
    </title>
  </head>
  <body>
    <h1>Frame Two</h1>
  </body>
</html>
```

Now, dividing the website into two frames

```
<html>
<head>
  <title>
Dividing website into frames
  </title>
  <frameset cols = "50%,50%">
    <frame src="frame1.html">
    <frame src="frame2.html">
  </frameset>
</head>
</html>
```

Output: -



4) Create a mini calculator using java script, HTML and CSS.

HTML Code: -

```
<html>
  <head>
    <title>
      Calculator
    </title>
    <link href="calculator.css" rel="Stylesheet">
  </head>
  <body>

    <h3 style = "font-size : 30px;">Calculator</h3>
    <br>
```



```

        <input id="Num2" type="number" style = "text-align :
center"><br><br>
        <input type="button" value="*" onclick="Mul()"style = "text-
align : center">

        <!-- displaying the result of multiplication -->
        <p id="mul"></p>
<!--
=====
===== -->
<div id = "Div" style = "font-size : 25px;">Dividing two
numbers</div>
<label>Bigger Number</label>
<input id="no1" type="number" style = "text-align : center"><br><br>
<label>Smaller Number</label>
<input id="no2" type="number" style = "text-align : center"><br><br>
<input type="button" value="/" onclick="Div()"style = "text-align :
center">

<!-- displaying the result of division -->
<p id="div"></p>
<!--
=====
===== -->
<div id = "Mod" style = "font-size : 25px;color : rgb(10, 10,
10);">The Modulous of two numbers</div>
<label>Bigger Number</label>
<input id="n1" type="number" style = "text-align : center"><br><br>
<label>Smaller Number</label>
<input id="n2" type="number" style = "text-align : center"><br><br>
<input type="button" value="%" onclick="Mod()" style = "text-align :
center">

<!-- displaying the result of Modulous -->
<p id="mod"></p>
<!--
=====
===== -->

<Script>
    function Addition()
    {

```



```

var x=Number(document.getElementById("No1").value);
var y=Number(document.getElementById("No2").value);
var z=x+y;
document.getElementById("result").innerHTML= +x+" + "+y+"
= "+z;
}
function Subtraction(){
var a=Number(document.getElementById("num1").value);
var b=Number(document.getElementById("num2").value);
var c=a-b;
document.getElementById("sub").innerHTML= +a+" - "+b+" =
"+c;
}
function Mul(){
var i = Number(document.getElementById("Num1").value);
var j = Number(document.getElementById("Num2").value);
var k=i*j;
document.getElementById("mul").innerHTML= +i+" x "+j+"
= " +k;
}
function Div(){
var m = Number(document.getElementById("no1").value);
var n = Number(document.getElementById("no2").value);
var o = m/n;
document.getElementById("div").innerHTML= "Quotient of
dividing "+m+" by " +n+ " is "+o;
}
function Mod(){
var p = Number(document.getElementById("n1").value);
var q = Number(document.getElementById("n2").value);
r=p%q;
document.getElementById("mod").innerHTML="Remainder left
after dividing "+p+ " by " +q+ " is " +r;
}
</Script>
</body>
</html>

```

CSS Code: -

```

*{
background-color: rgb(205, 174, 179);

```

```
}
```

Output: -

### Calculator

#### Adding two numbers

Number 1

Number 2

+

2 + 1 = 3

#### Subtracting two numbers

Bigger Number

Smaller Number

-

4 - 2 = 2

#### Multiplying two numbers

Number

Number

\*

2 x 3 = 6

#### Dividing two numbers

Bigger Number

Smaller Number

/

Quotient of dividing 8 by 2 is 4

#### The Modulous of two numbers

Bigger Number

Smaller Number

%

Remainder left after dividing 9 by 2 is 1