# PRACTICAL FILE
## WEB TECHNOLOGIES
## (IT302)

Program Name: B. Tech

Semester: 6th

Batch: 2019-23



**DEPARTMENT OF INFORMATION TECHNOLOGY**

**AMITY SCHOOL OF ENGINEERING AND TECHNOLOGY**

**AMITY UNIVERSITY UTTAR PRADESH**

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B. Tech 6IT-2X

# INDEX

| Practical No. | Name of Experiment | Date of Allotment of experiment | Date of Evaluation | Max Marks | Marks Obtained | Faculty Signature |
|---|---|---|---|---|---|---|
| 1. | To create a simple html file to demonstrate the use of different tags. | 5/1/22 | | 1 | | |
| 2. | To create an html file to link to different html page which contains images, tables, and link within a page. | 5/1/22 | | 1 | | |
| 3. | To create an html page with different types of frames such as floating frame, navigation frame & mixed frame. | 12/1/22 | | 1 | | |
| 4. | To create a registration form as mentioned. | 12/122 | | 1 | | |
| 5. | Create an HTML file and use inline, internal, and external CSS. | | | | | |
| 6. | Create a form using HTML form tag. | 19/1/22 | | 1 | | |
| 7. | Create an XML file with XML Schema Definition and style it with external CSS. | 09/2/22 | | 1 | | |
| 8. | Creating and Initializing Arrays of fruits in JavaScript and display the same. | 16/2/22 | | 1 | | |
| 9. | Write a script to sort an array of books names. Also sort an array of book prices. Write an appropriate code. | 16/2/22 | | 1 | | |
| 10. | Write a script to create a Form Using JavaScript. | 23/2/22 | | 1 | | |
| 11. | Write A Program to get browser details through JavaScript. | 23/2/22 | | 1 | | |
| 12. | Write A Program in JavaScript to create a form to input Username, Password and Age. | 09/3/22 | | 1 | | |
| 13. | Create a Calculator using JavaScript. | 09/3/22 | | 1 | | |
| 14. | Create a Quiz using HTML forms and JavaScript. | 16/3/22 | | 1 | | |
| 15. | Write a JSP script to show the use of JSP implicit objects. | 23/3/22 | | 1 | | |
| 16. | Create a PHP script to<br>1) Print Sum of Digits<br>2) Check whether number is Prime or Non-prime | 30/3/22 | | 1 | | |
| 17. | Create an eCommerce site using PHP & MySQL | 13/4/22 | | 1 | | |

# Experiment 1

**Objective:** To create a simple html file to demonstrate the use of different tags.

**Software Used:** Visual Studio Code

**Program:**

```html
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>LAB 1 - 5/1/22</title>
</head>
<body>
  <marquee>Basic HTML Tags</marquee>
  <hr>
  <center style="color: #0000FF;">Heading '&lt;h1&gt;', '&lt;h2&gt;', '&lt;h3&gt;', '&lt;h4&gt;',
'&lt;h5&gt;', '&lt;h6&gt;' Tags
  </center>
  <h1>Heading H1</h1>
  <h2>Heading H2</h2>
  <h3>Heading H3</h3>
  <h4>Heading H4</h4>
  <h5>Heading H5</h5>
  <h6>Heading H6</h6>
  <hr>
  <center style="color: #0000FF;">Text '&lt;p&gt;' Tag</center>
  <p>Paragraph</p>
  <!-- Horizontal Rule -->
  <hr>
  <!-- Line Break -->
```

```html
<center style="color: #0000FF;">Line Break '&ltbr&gt' Tag</center><br>

This is a long piece of text consisting of three<br>

sentences and shows you the functions of the<br>

Line Break tag. This tag is used quite frequently<br>

to add line breaks in the HTML code. It is also used<br>

to add blank lines to a document.<br>

<hr>

<!-- Block Quote  -->

<center style="color: #0000FF;">Block Quote '&ltblockquote&gt' Tag</center><br>

<p>This is some text before the quotation.</p>

<blockquote style="background-color: aliceblue;">"This is a long blockquote created with the <blockquote> blockquote

      tag."</blockquote>

</blockquote>

<hr>

<!-- Pre Tag -->

<center style="color: #0000FF;">Pre '&ltpre&gt' Tag</center><br>

<pre>

   IT 302 Web Technologies

   IT307 Exploring the Networks

</pre>

<hr>


<!-- Logical Style Tags -->

<center style="color: #0000FF;">Logical Style '&ltbold&gt', '&ltbig&gt', '&lti&gt', '&lts&gt', '&ltsmall&gt',

    '&ltsub&gt', '&lttt&gt', '&ltu&gt' Tags</center><br>

<p>This is <b>bold</b>.</p>

<p>This is <big>big font</big>.</p>

<p>This is <i>italic</i>.</p>

<p>Was <s>$50</s>; now $40.</p>

<p>This is <small>small</small>.</p>

<p>H<sub>2</sub>O</p>
```

```html
<p>May 5<sup>th</sup> 2005</p>
<p><tt>fixed-width font</tt></p>
<p>This is <u>underlined</u>.</p>
<hr>


<center style="color: #0000FF;">Physical Style '&ltcite&gt', '&ltcode&gt', '&ltdel&gt',
'&ltdfn&gt', '&ltem&gt',
    '&ltins&gt', '&ltkbd&gt', '&ltsamp&gt', '&ltstrong&gt', '&ltvar&gt' Tags</center><br>
This is used for a short <cite>quote</cite>. This is used for a short quote.<br>
<p><code>y = m * x + b</code></p>
<p><del>Deleted</del> text Deleted text</p>
<p><dfn>definition</dfn> text definition text</p>
<p>This is <em> emphasized </em>.</p>
<p><ins>inserted</ins> text inserted text</p>
<p><kbd>code</kbd> sample code sample</p>
<p><samp>code</samp> sample code sample</p>
<p>This is <strong>strong</strong>. This is strong.</p>
<p><var>program</var> variable program variable</p>
<hr>
<!-- Unordered List -->
<center style="color: #0000FF;">Listing Style '&ltol&gt', '&ltli&gt', '&ltul&gt' Tags</center><br>
<h4>Numbered list:</h4>
<ol>
   <li>Apples</li>
   <li>Bananas</li>
   <li>Lemons</li>
   <li>Oranges</li>
</ol>
<h4>Letters list:</h4>
<ol type="A">
   <li>Apples</li>
   <li>Bananas</li>
   <li>Lemons</li>
```
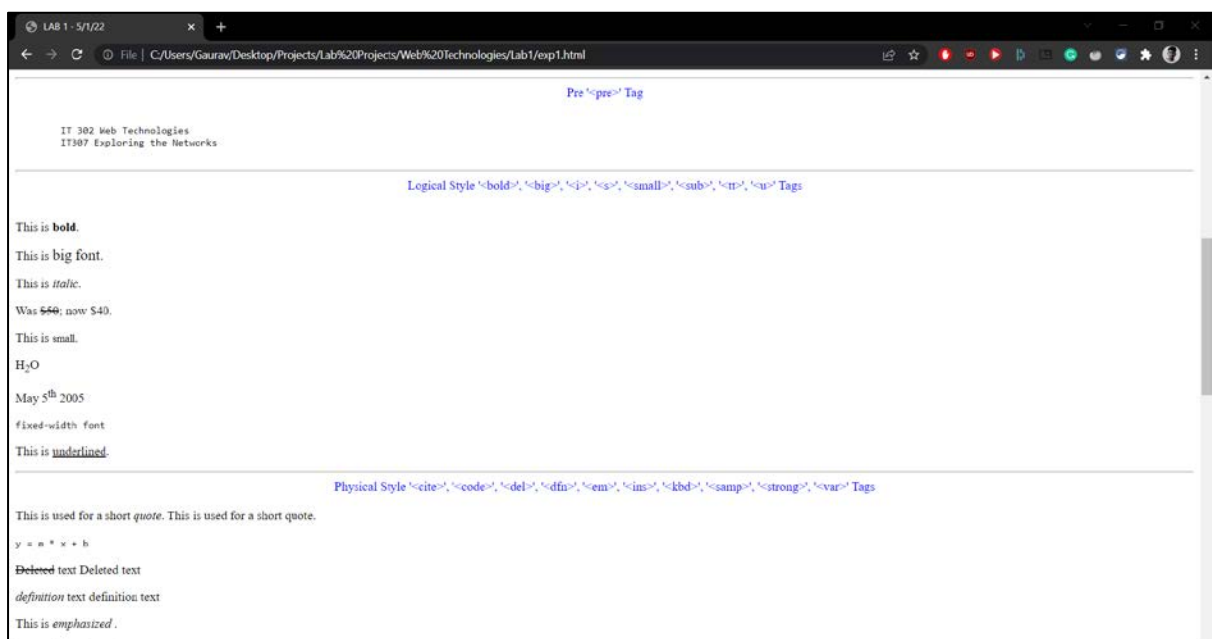
```html
    <li>Oranges</li>
</ol>
<h4>Lowercase letters list:</h4>
<ol type="a">
   <li>Apples</li>
   <li>Bananas</li>
   <li>Lemons</li>
   <li>Oranges</li>
</ol>
<h4>Roman numbers list:</h4>
<ol type="I">
   <li>Apples</li>
   <li>Bananas</li>
   <li>Lemons</li>
   <li>Oranges</li>
</ol>
<h4>Lowercase Roman numbers list:</h4>
<ol type="i">
   <li>Apples</li>
   <li>Bananas</li>
   <li>Lemons</li>
   <li>Oranges</li>
</ol>
<h4>Disc bullets list:</h4>
<ul type="disc">
   <li>Apples</li>
   <li>Bananas</li>
   <li>Lemons</li>
   <li>Oranges</li>
</ul>
<h4>A Definition List:</h4>
<dl>
```
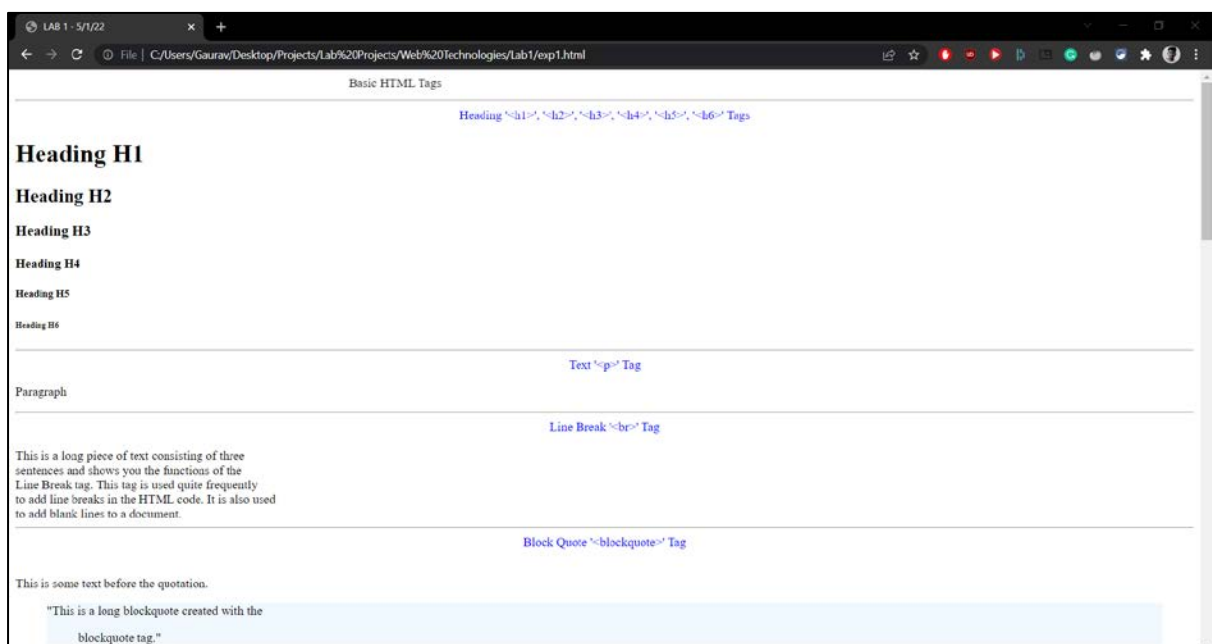
```
        <dt>Coffee</dt>

        <dd>Black hot drink</dd>

        <dt>Milk</dt>

        <dd>White cold drink</dd>

    </dl>

    <hr>

</body>

</html>
```
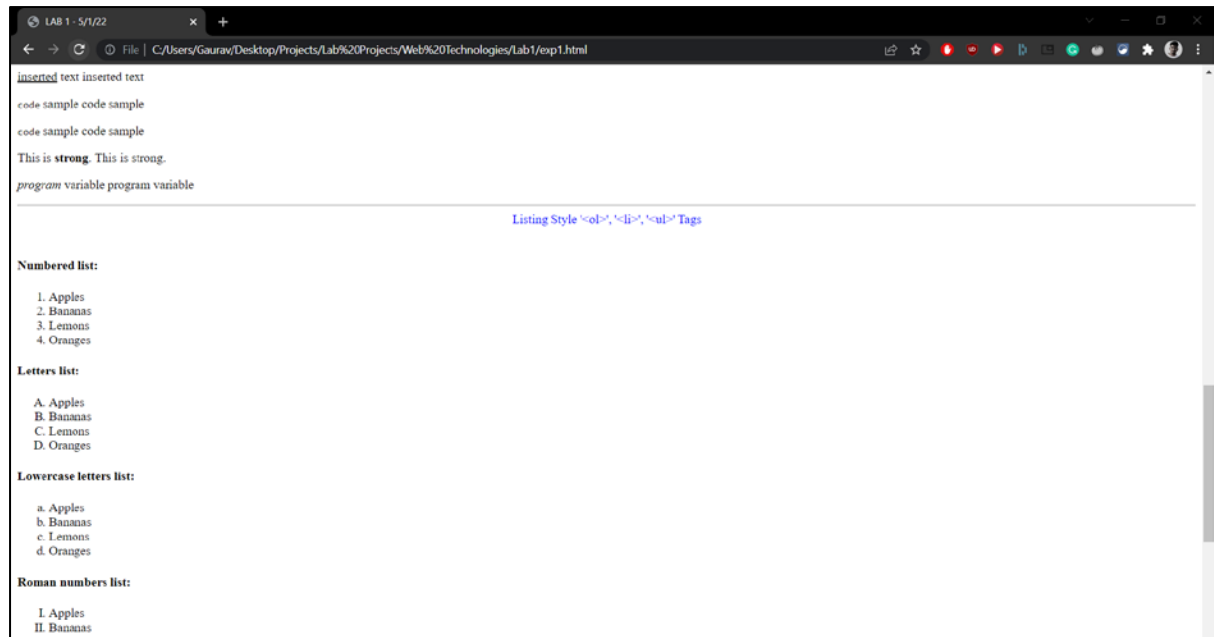
## Output:

## Conclusion:

Hence, we have successfully demonstrated the use of different HTML tags.

# **Experiment 2**

**Objective:** To create an html file to link to different html page which contains images, tables, and link within a page.

**Software Used:** Visual Studio Code

## **Program:**

**1) index.html**

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>LAB 1 (Exp 2) - 5/1/22</title>
</head>
<body>
    <h1>
        <center style="color: #0000FF;">Menu</center>
    </h1>
    <ul type="disc">
        <li><a href="/Lab Projects/Web Technologies/Lab1/table.html">Table</a></li>
        <li><a href="/Lab Projects/Web Technologies/Lab1/image.html">Image</a></li>
        <li><a href="/Lab Projects/Web Technologies/Lab1/video.html">Video</a></li>
    </ul>
    <br>
<body>
</html>
```

**2) table.html**

```
<!DOCTYPE html>
<html lang="en">
```

```html
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Table Demo</title>
</head>
<body>
    <B>
        <center>
            <h3>
                AMITY UNIVERSITY,<br>
                DEPARTMENT OF INFORMATION TECHNOLOGY<br>
                EFFECTIVE FROM: 03.01.22<br>
        </center>
    </b></h3>
    <table border="2" width="75%" cellspacing="2" cellpadding="25" align=center>
        <h3>
            <caption align=left>Class: 6IT-2
            <thead>
                <tr>
                    <th>Periods</th>
                    <th ROWSPAN=2>1 <br>8.30-9.20</th>
                    <th ROWSPAN=2>2<br>9.20-10.10</th>
                    <th ROWSPAN=2>3<br>10.20-11.10</th>
                    <th ROWSPAN=2>4<br>11.10-12.00</th>
                    <th ROWSPAN=2>5<br>1.30-2.20</th>
                    <th ROWSPAN=2>6<br>2.20-3.10</th>
                    <th ROWSPAN=2>7<br>3.10-4.00</th>
                </tr>
                <tr>
                    <th> Days</th>
```

```
</thead>
<tbody>
  <tr>
    <th>Monday</th>
    <td>IT0302</td>
    <td>IT0306</td>
    <td>IT0304</td>
    <td>IT0306</td>
    <td>IT0302</td>
    <td COLSPAN=2>
      <center>IT0324
    </td>
  </tr>
  <tr>
    <th>TuesDay</th>
    <td COLSPAN=4>
      <center>IT0320/IT0322
    </td>
    <td>IT0310</td>
    <td>IT0304</td>
    <td>IT308</td>
  </tr>
  <tr>
    <th>Wednesday</th>
    <td COLSPAN=2>
      <center>ELETIVE - I
    </td>
    <td>IT0306</td>
    <td>IT310</td>
    <td>IT304</td>
    <td>IT308</td>
    <td>COUN</td>
```

```html
            </tr>

            <tr>

                <th>Thursday</th>

                <td>IT302</td>

                <td>IT0304</td>

                <td COLSPAN=2>

                    <center>PD0302

                </td>

                <td COLSPAN=3>

                    <center>IT0320/IT0322

                </td>

            </tr>

            <tr>

                <th>Friday</th>

                <td>IT0308</td>

                <td>IT0306</td>

                <td>IT0308</td>

                <td>IT0302</td>

                <td COLSPAN=2>

                    <center>ELECTIVE - I

                </td>

                <td></td>

            </tr>

        </tbody>

    </table>

    <br><br>

    <center style="color: #0000FF;"><a href="/Lab Projects/Web
Technologies/Lab1/exp2.html">Back Home</a></center>

</body>

</html>
```
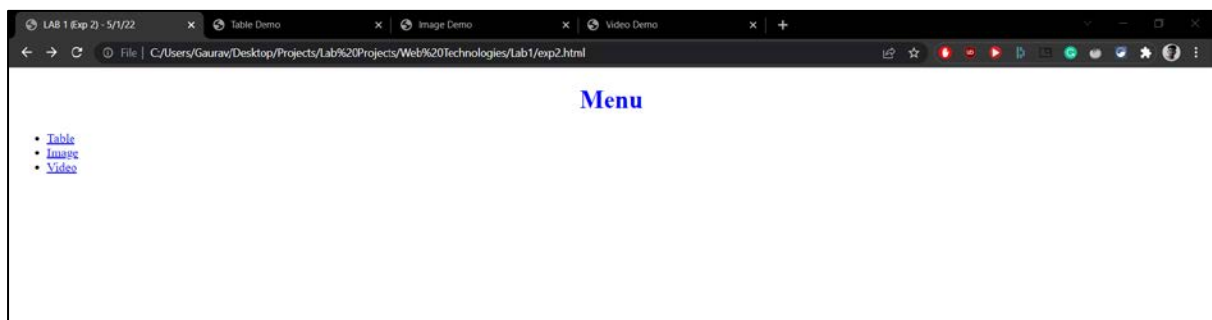
**3) video.html**

```html
<!DOCTYPE html>

<html lang="en">
```

```html
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Video Demo</title>
</head>
<body>
    <body><object width="560" height="340">
        <param name="movie" value="https://www.youtube.com/watch?v=APd12qg_EBA">
        </param>
        <param name="allowFullScreen" value="true">
        </param>
        <param name="allowscriptaccess" value="always">
        </param>
        <param name="allowscriptaccess" value="always">
        </param>
        <iframe width="560" height="315" src="https://www.youtube.com/embed/_cxEu5-dMec"
            title="YouTube video player" frameborder="0"
            allow="accelerometer; autoplay; clipboard-write; encrypted-media; gyroscope; picture-in-picture"
            allowfullscreen></iframe>
    </object>
    <br>
    <center style="color: #0000FF;"><a href="/Lab Projects/Web
Technologies/Lab1/exp2.html">Back Home</a></center>
    </body>
</html>
```

**4) image.html**

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
```

```html
    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Image Demo</title>

</head>

<body>

    <p>

        <img
src="https://images.collegedunia.com/public/college_data/images/appImage/14973308071443084987
AMITYNOIDANEW.jpg?mode=stretch"

            alt="Amity Image" width="15%" height="15%" align="left"> A paragraph with an image.
The align attribute of

        the image is set to "left". The image will float to the left of

        this text.

    </p>

    <p style="text-align: right;">

        A paragraph with an

        image. The align attribute of the image is set to "right". The image will float to the right of this
text. <img

src="https://images.collegedunia.com/public/college_data/images/appImage/14973308071443084987
AMITYNOIDANEW.jpg?mode=stretch"

            alt="Amity Image" width="15%" height="15%" align="right" style="transform: scaleX(-1);">

    </p>

    <center style="color: #0000FF;"><a href="/Lab Projects/Web
Technologies/Lab1/exp2.html">Back Home</a></center>

</body>

</html>
```

**Output:**

**AMITY UNIVERSITY,**
**DEPARTMENT OF INFORMATION TECHNOLOGY**
**EFFECTIVE FROM: 03.01.22**

Class: 6IT-2

| Periods | 1 8.30-9.20 | 2 9.20-10.10 | 3 10.20-11.10 | 4 11.10-12.00 | 5 1.30-2.20 | 6 2.20-3.10 | 7 3.10-4.00 |
|---|---|---|---|---|---|---|---|
| Days | | | | | | | |
| Monday | IT0302 | IT0306 | IT0304 | IT0306 | IT0302 | IT0324 | |
| TuesDay | IT0320/IT0322 | | | | IT0310 | IT0304 | IT308 |
| Wednesday | ELETIVE - I | | IT0306 | IT310 | IT304 | IT308 | COUN |
| Thursday | IT302 | IT0304 | PD0302 | | IT0320/IT0322 | | |
| Friday | IT0308 | IT0306 | IT0308 | IT0302 | ELECTIVE - I | | |

[Back Home](#)

---

A paragraph with an image. The align attribute of the image is set to "left". The image will float to the left of this text.

A paragraph with an image. The align attribute of the image is set to "right". The image will float to the right of this text.



[Back Home](#)

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# Experiment 3

**Objective:** To create an html page with different types of frames such as floating frame, navigation frame & mixed frame.

**Software Used:** Visual Studio Code

**Program:**

**1) index.html**

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Navigation Frame</title>
</head>
<frameset cols="25%,75%">
    <frame name="frame1" src="menu.html" noresize>
        <frame name="frame2" src="registration.html" noresize>
</frameset>
</html>
```

**2) frame.html**

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Frame</title>
</head>
```

```
<!-- <iframe src="index.html" name="iframe1" id="iframe1" width="350" height="200"
align="left"></iframe> -->

<frameset cols="20%,35%">

   <frame src="img1.jpg"></frame>

   <frame src="img2.jpg"></frame>

</frameset>

</html>
```

**3) iframe.html**

```
<!DOCTYPE html>

<html lang="en">

<head>

   <meta charset="UTF-8">

   <meta http-equiv="X-UA-Compatible" content="IE=edge">

   <meta name="viewport" content="width=device-width, initial-scale=1.0">

   <title>Floating Frame</title>

</head>

<body>

   <iframe src="img3.jpg" frameborder="0" width="500px" height="500px"></iframe>

   <p>Lorem ipsum dolor sit amet consectetur, adipisicing elit. Quisquam, perferendis doloremque
pariatur, quibusdam

      nesciunt odio ullam maxime repudiandae, sint excepturi quos ipsum. Harum quos asperiores iure,
excepturi totam

      quisquam sed!</p>

</body>

</html>
```

**Output:**

## Conclusion:

Hence, we have successfully demonstrated the use of different frame tags in HTML.

# Experiment 4

**Objective:** To create a registration form as mentioned below.

Procedure:

Create an html page named as "registration.html"

a) set background colors

b) use table for alignment

c) provide font colors & size

**Software Used:** Visual Studio Code

**Program:**

**1) registration.html**

```html
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Registration Form</title>
  <style>
    * {
      box-sizing: border-box;
      background-color: aliceblue;
      font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
    }
    .button {
      color: white;
      background-color: black;
      margin: 0 10px;
      padding: 5px 10px;
    }
```

```html
      input {
        border: 0.5px solid gray;
      }
    </style>
</head>
<body>
  <center>
    <h1>Registration Form</h1>
    <form action="">
      <table cellspacing=20px>
        <tr>
          <td>Enter your Name: </td>
          <td><input type="text" placeholder="Tony Soprano"></td>
        </tr>
        <tr>
          <td>Enter your age: </td>
          <td><input type="number" maxlength="80" minlength="18" placeholder="18+"></td>
        </tr>
        <tr>
          <td>Enter your address: </td>
          <td><textarea rows=5 cols=22></textarea></td>
        </tr>
        <tr>
          <td>Select your gender: </td>
          <td>
            <input type="radio" name="gender" id="" value="male">Male
            <input type="radio" name="gender" id="" value="female">Female
          </td>
        </tr>
        <tr>
          <td>Familiar<br>Programming<br>Langauges: </td>
          <td>
```

```html
            <input type=checkbox name=c1 value=c>C<br>

            <input type=checkbox name=c2 value=c++>C++<br>

            <input type=checkbox name=c4 value=java>JAVA<br>

            <input type=checkbox name=c5 value=asp>ASP<br>

            <input type=checkbox name=c6 value=others>OTHERS<br>

        </td>

    </tr>

    <tr>

        <td>Enter your password: </td>

        <td><input type="password" name="pass" id="" placeholder="$trong Pa$$word"></td>

    </tr>

    </table>

    <div style="padding-top: 20px;">

        <input class="button" type="reset">

        <input class="button" type="submit">

    </div>

    </form>

    </center>

</body>

</html>
```

**Output:**

# **Experiment 5**

**Objective:** Create an HTML file and use inline, internal, and external CSS.

**Software Used:** Visual Studio Code

**Program:**

**1) index.html**

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" href="external_css.css">
    <title>Lab 3 - 19/1/22</title>
    <style>
      body {
        background-color: lightgrey;
      }
    </style>
</head>
<body>
    <h2>Web Technologies Lab 3 - 19/1/22</h2>
    <hr>
    <p>
      Lorem ipsum dolor sit amet consectetur adipisicing elit. Veritatis voluptatum consectetur beatae tempore quae
      libero similique minus amet nostrum asperiores, nemo accusantium facere inventore facilis! Quisquam voluptatum
      dignissimos nam. Tempore.
    </p>
    <div class="button">
      <a href="https://amizone.net" target="blank"
```

```
              style="border-top: 3px solid #00509d; border-left: 3px solid #00509d;">Go to Amizone</a>
    </div>

</body>

</html>
```

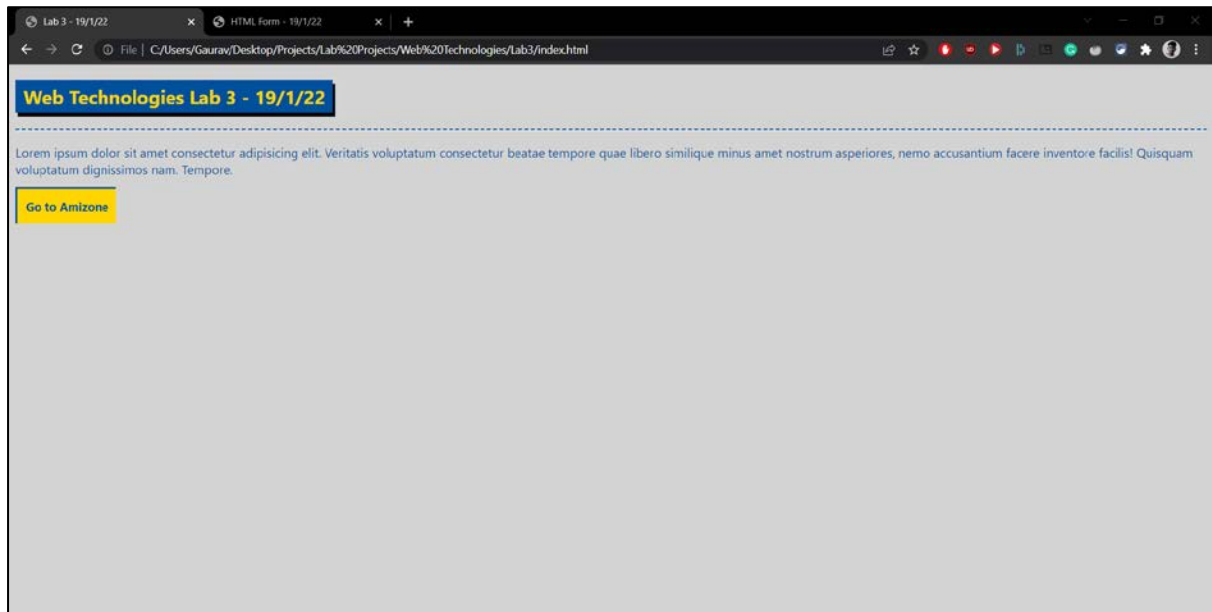**2) external_css.css**

```
*{
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
}
h2{
    background-color: #00509d;
    width: fit-content;
    color: #ffd500;
    padding: 5px 10px;
    box-shadow: 3px 5px black;
}


p{
    color: #00509d;
}
.button{
    margin-top: 25px;
}
a{
    text-decoration: none;
        background-color: #ffd500;
        padding:12px 10px;
        color:#00509d;
        font-size: 15px;
    font-weight: bold;
    border: 0;
}
a:hover{
```

```
    animation: ease-in 0.1;

    box-shadow: 3px 5px #00509d;

}

hr{

    border-top: 2px dashed #00509d;

}
```

## Output:



## Conclusion:

Hence, we have successfully created an HTML file and demonstrated the use of inline, internal, and external CSS.

# **Experiment 6**

**Objective:** Create a form using HTML form tag.

**Software Used:** Visual Studio Code

**Program:**

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>HTML Form - 19/1/22</title>
  <style>
    * {
      font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
    }
    body {
      background-color: lightblue;
    }
    form div {
      margin: 20px 0;
    }
    div div {
      margin: 0;
    }
  </style>
</head>


<body>
  <h1>Registration Form</h1>
  <form action="">
```

```html
<div>
  <label>First Name:</label>
  <input type="text" placeholder="Gaurav">
</div>
<div>
  <label>Middle Name:</label>
  <input type="text">
</div>
<div>
  <label>Last Name:</label>
  <input type="text" placeholder="Singh">
</div>
<div>
  <label for="">Course</label>
  <select name="languages" id="lang" placeholder="Course">
    <option value="course">Course</option>
    <option value="btech">B.Tech</option>
    <option value="bba">BBA</option>
    <option value="ba">BA</option>
    <option value="ballb">BA LLB</option>
    <option value="bcom">B.Com</option>
  </select>
</div>
<div>
  <label for="">Gender</label>
  <div>
    <input type="radio" name="gender" id="">
    <label for="">Male</label>
  </div>
  <div>
    <input type="radio" name="gender" id="">
    <label for="">Female</label>
```

```html
        </div>
        <div> <input type="radio" name="gender" id="">
          <label for="">Other</label>
        </div>
      </div>
      <div>
        <label for="">Phone</label>
        <input type="text" name="country code" value="+91" size="2" />
        <input type="number" name="" id="">
      </div>
      <div>
        <label for="">Address</label>
        <br>
        <textarea cols="80" rows="5" value="address"></textarea>
      </div>
      <div>
        <label for="">E-mail</label>
        <input type="email" name="" id="" placeholder="gaurav@email.com">
      </div>
      <div>
        <label for="">Password</label>
        <input type="password" name="" id="" placeholder="$trongPa$$">
      </div>
      <div>
        <label for="">Re-Password</label>
        <input type="password" name="" id="" placeholder="$trongPa$$">
      </div>
      <button>Submit</button>
    </form>
  </body>
</html>
```
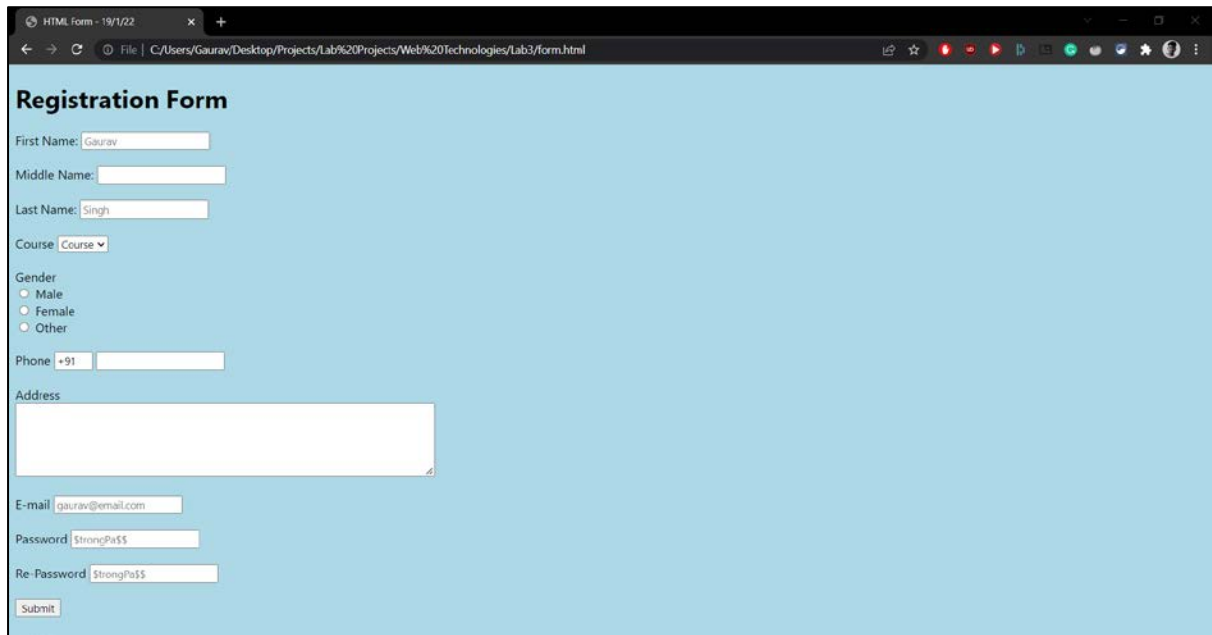
## Output:



## Conclusion:

Hence, we have successfully created an form using HTML form tag.

# **Experiment 7**

**Objective:** Create an XML file with XML Schema Definition and style it with external CSS.

**Software Used:** Visual Studio Code

## **Program:**

**1) student.xml**

```
<?xml version="1.0" encoding="UTF-8"?>
<?xml-stylesheet type="text/css" href="xmlstyles.css"?>
<ss:student
   xmlns:ss="./"
   xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
   xsi:SchemaLocation="./ student.xsd"
>  <name>Gaurav Singh</name>
   <semester>6IT</semester>
   <section>2X</section>
   <rollnum>9064</rollnum>
   <body>3rd year undergrad</body>
   <college>ASET</college>
</ss:student>
```

**2) student.xsd**

```
<?xml version="1.0" encoding="UTF-8"?>
<xs:schema
   xmlns:xs="http://www.w3.org/2001/XMLSchema"
   targetNamespace="./"
   xmlsns="./"
   elementFormDefault="qualified"
>
   <xs:simpletype name="semesterType">
     <xs:restriction base="xs:string">
        <xs:pattern value="[1-8][A-Z][A-Z][A-Z]"/>
```

```xml
      </xs:restriction>

    </xs:simpletype>

    <xs:simpletype name="sectionType">

      <xs:restriction base="xs:string">

        <xs:pattern value="[1-10][XY]"/>

      </xs:restriction>

    </xs:simpletype>

    <xs:simpletype name="collegeType">

      <xs:restriction base="xs:string">

        <xs:enumeration value="ASET"/>

        <xs:enumeration value="AIP"/>

        <xs:enumeration value="ALS"/>

        <xs:enumeration value="ASAP"/>

      </xs:restriction>

    </xs:simpletype>

    <xs:complextype name="studentType">

      <xs:sequence>

        <xs:element name="name" type="xs:string"/>

        <xs:element name="semester" type="semesterType"/>

        <xs:element name="section" type="sectionType"/>

        <xs:element name="rollnum" type="xs:integer"/>

        <xs:element name="body" type="xs:string"/>

        <xs:element name="college" type="collegeType"/>

      </xs:sequence>

    </xs:complextype>

    <xs:element name="student" type="studentType"/>

</xs:schema>
```

**3) xmlstyles.css**

```css
*{

    display: block;

    font-size: 20px;

    width: 250px;
```
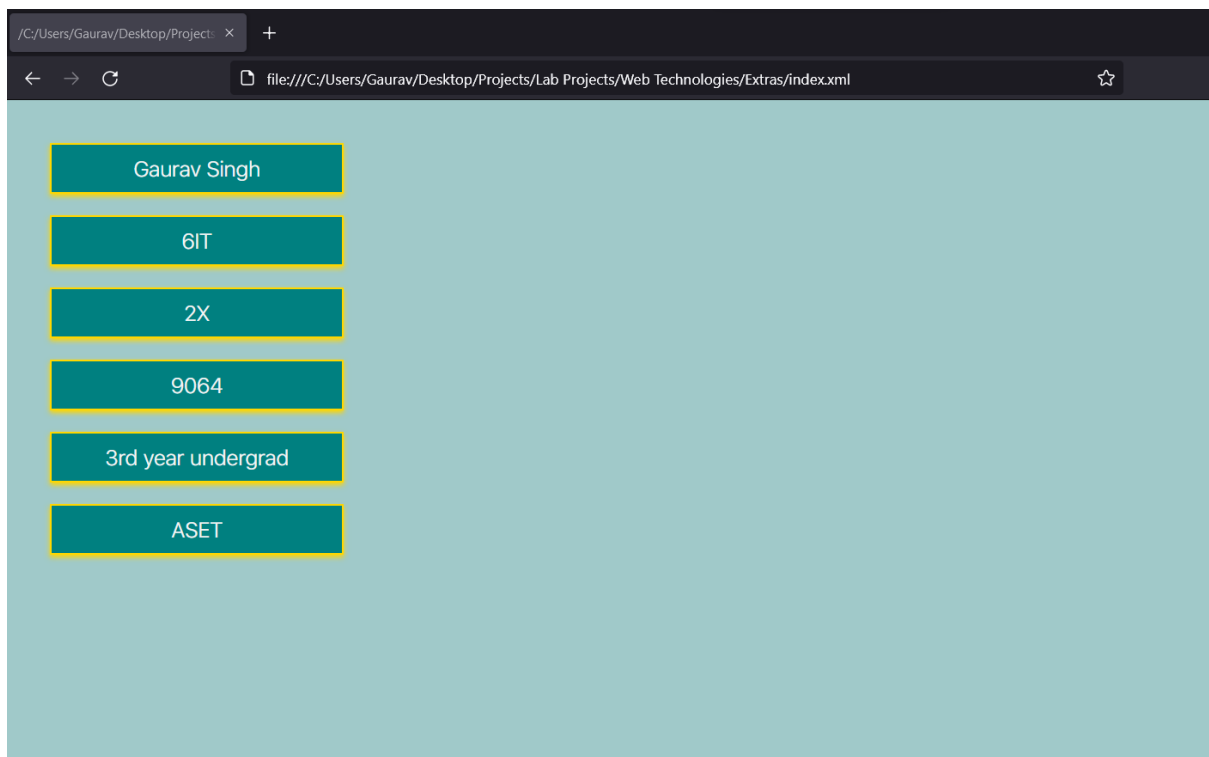
```css
    margin: 20px;
}
name, semester, section, rollnum, body, college{
    padding: 10px;
    border: 2px solid gold;
    color: whitesmoke;
    font-family: sans-serif;
    font-weight: 200;
    background-color: teal;
    box-shadow: 0px 2px 5px gold;
    text-align: center;
}
student{
    /* width: fit-content;
    padding: 20px 0; */
    background-color: rgb(160, 201, 201);
    /* box-shadow: 10px 5px teal; */
}
```

## Output:

# **Experiment 8**

**Objective:** Creating and Initializing Arrays of fruits in JavaScript and display the same.

a. Extracts the last element of the array and returns it

b. Append the element to the end of the array:

c. Extracts the first element of the array and returns it:

d. Add the element to the beginning of the array

**Software Used:** Visual Studio Code

## **Program:**

### **1) File – index.html**

```
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Lab 5 - 9/2/22</title>
</head>

<body>
    <input type="text" name="input" id="input">
    <button onclick="appendEle()">Append</button>
    <button onclick="extractLast()">Extract Last</button>
    <button onclick="prependEle()">Prepend</button>
    <button onclick="extractFirst()">Extract First</button>
    <h1 id="arr"></h1>

    <h3 id="ele"></h3>

    <script>
        var arr = [];

        function appendEle() {
            var data = document.getElementById("input").value;
            arr.push(data);
            var op = "After Append Arr = ";
            for (let i = 0; i < arr.length; i++) {
                op += arr[i];
                op += ", "
            }
            document.getElementById("arr").innerHTML = op;
        }
```

```javascript
    function extractLast() {
        var op = arr[arr.length - 1];
        if (op === undefined) {
            document.getElementById("ele").innerHTML = "Cannot extract last element, Array is
empty!";
        }
        else {
            document.getElementById("ele").innerHTML = "Last element is = " + op;
        }
    }

    function prependEle() {
        var data = document.getElementById("input").value;
        var new_arr = [data].concat(arr);
        arr = new_arr;
        var op = "After Prepend Arr = ";
        for (let i = 0; i < arr.length; i++) {
            op += arr[i];
            op += ", "
        }
        document.getElementById("arr").innerHTML = op;
    }

    function extractFirst() {
        var op = arr[0];
        if (op === undefined) {
            document.getElementById("ele").innerHTML = "Cannot extract first element, Array is
empty!";
        }
        else {
            document.getElementById("ele").innerHTML = "First Element = " + op;
        }
    }

  </script>
</body>
</html>
```

**Output:**

127.0.0.1:5500/Lab%20Projects/Web%20Technologies/Lab5/index.html

| Grapes | Append | Extract Last | Prepend | Extract First |

# After Append, Arr = Mango, Banana,

127.0.0.1:5500/Lab%20Projects/Web%20Technologies/Lab5/index.html

| Grapes | Append | Extract Last | Prepend | Extract First |

# After Prepend, Arr = Grapes, Mango, Banana,

**Last element is = Banana**

127.0.0.1:5500/Lab%20Projects/Web%20Technologies/Lab5/index.html

| Apple | Append | Extract Last | Prepend | Extract First |

# After Prepend, Arr = Apple, Grapes, Mango, Banana,

**First Element = Grapes**

Lab 5 - 9/2/22    ×   +

127.0.0.1:5500/Lab%20Projects/Web%20Technologies/Lab5/index.html

Grapes    [Append] [Extract Last] [Prepend] [Extract First]

## After Prepend, Arr = Grapes, Mango, Banana,

**First Element = Grapes**

## Conclusion:

Hence, we have successfully created and initialized an array in JavaScript and performed appending, prepending, extracting first element & extracting last element operations on the array.

# Experiment 9

**Objective:** Write a script to sort an array of books names. Also sort an array of book prices. Write an appropriate code.

**Software Used:** Visual Studio Code

## Program:

```html
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Lab 6 - 16/2/22</title>
</head>

<body>
  <input type="text" name="input" id="input">
  <button onclick="appendEle()">Append</button>
  <button onclick="printArr()">Print Arr</button>
  <button onclick="sortbyName()">Sort by Name</button>
  <button onclick="sortbyPrices()">Sort by Prices</button>
  <h1 id="operation"></h1>

  <h3 id="arr"></h3>

  <script>
    var arr = [["Harry Potter and the Half Blood Prince", 900], ["Zero to One", 250], ["The brief
history of time", 500], ["The Intelligent Investor", 600]];

    function printArr(arr1 = arr) {
      var op = "";
      for (let i = 0; i < arr1.length; i++) {
        op += arr1[i];
        op += "<br> "
      }
      document.getElementById("arr").innerHTML = op;
    }

    function appendEle() {
      var data = document.getElementById("input").value.split(",");
      arr.push([data[0], parseInt(data[1])]);
      printArr();
    }

    function sortbyName() {
      var sortedArr1 = arr.sort(function (a, b) {
```

```
              var nameA = a[0].toLowerCase(), nameB = b[0].toLowerCase();
              if (nameA < nameB)
                return -1;
              else if (nameA > nameB)
                return 1;
              else
                return 0;
            });

            console.log(sortedArr1);
            document.getElementById("operation").innerHTML = "After Sorting by name, Arr = ";
            printArr(sortedArr1);
          }

          function sortbyPrices() {
            var sortedArr2 = arr.sort(function (a, b) {
              return a[1] - b[1];
            });

            console.log(sortedArr2);
            document.getElementById("operation").innerHTML = "After Sorting by price, Arr = ";
            printArr(sortedArr2);
          }
        </script>
      </body>
    </html>
```
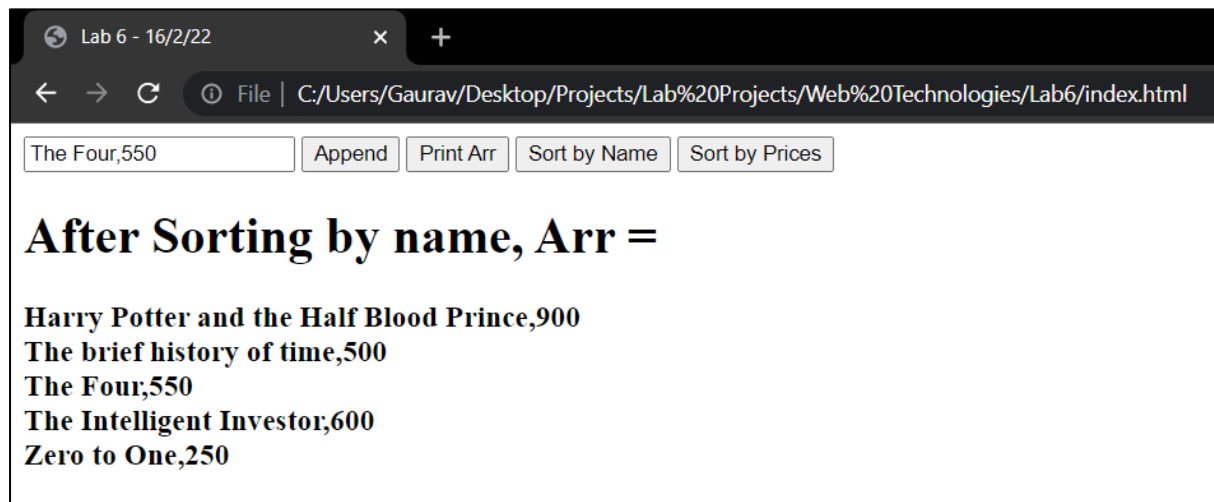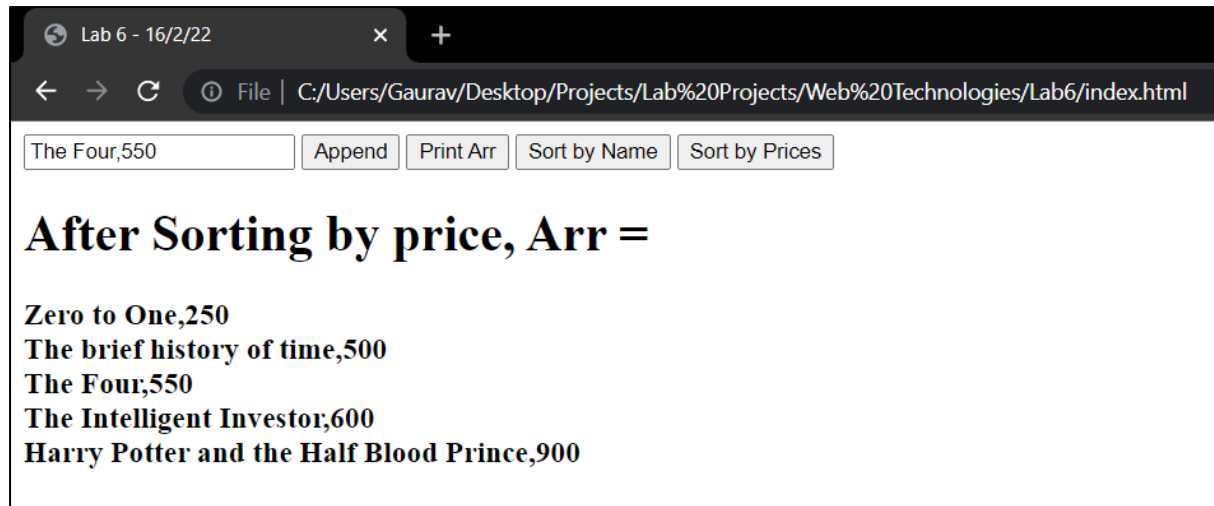
**Output:**

**After Sorting by price, Arr =**

Zero to One,250
The brief history of time,500
The Four,550
The Intelligent Investor,600
Harry Potter and the Half Blood Prince,900

## Conclusion:

Hence, we have successfully created script to sort an array of books names. Also sort an array of book prices.

# Experiment 10

**Objective:** Write a script to create a Form Using JavaScript.

**Software Used:** Visual Studio Code

**Program:**

```
<html>
<head>
<title>Registration Form </title>

</head>

<body bgcolor="turquoise" text="white" style="font-size:20pt;font-family:Arial" ><center>

<h2>Student Detail Form</h2></center>

<center><img src="au.png"width="301" height="167"></center>

<form name=form1 >

<table name=tab cellspacing=30pt>

<tr><td align=left><h2>Enter your Name :</h2> </td><td align=right><input type=text
name=t1 size=18>

<tr><td align=left><h2>Enter your Age :</h2> </td><td align=right><input type=text
name=t2 maxlength=3 size=18>

<tr><td align=left><h2>Enter your Institution and Departement :</h2> </td><td
align=right><input type=text name=t2 maxlength=12 size=18>

<tr><td align=left><h2>Sex :</h2> </td><td align=left><input type=radio name=r1
value="female">Female<br>

<input type=radio name=r1 value=male>Male</td>
</table><center>
<input type=reset value=" Reset " >
<input type=submit value=" Submit " >
</form>
</body>
</html>
```
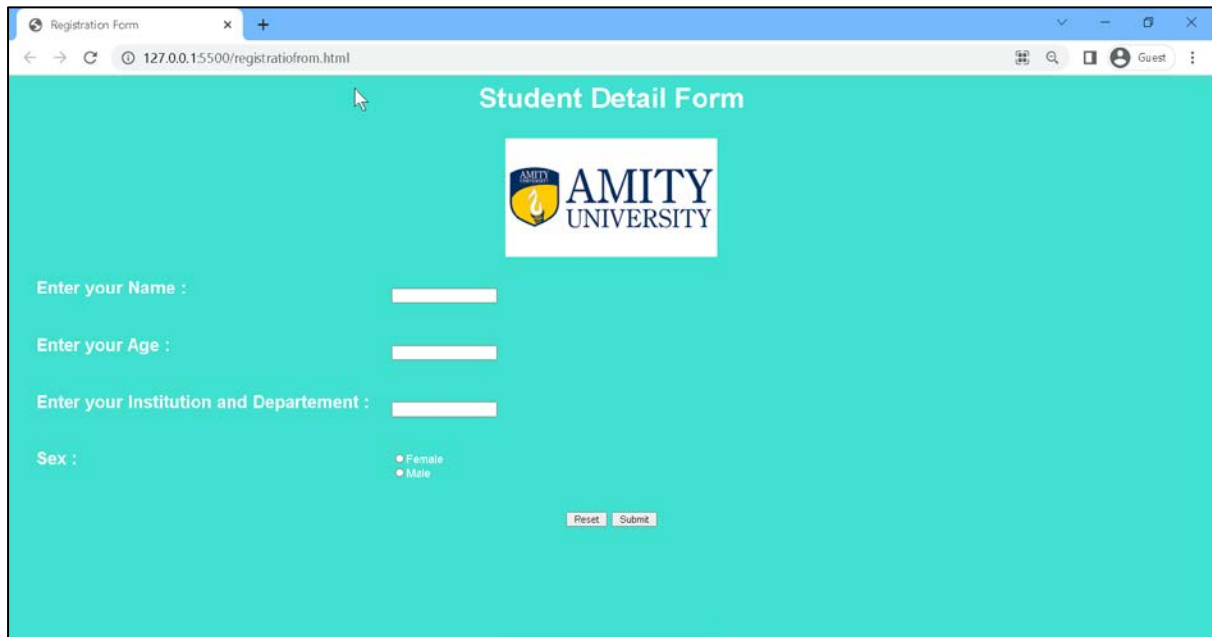
**Output:**



**Conclusion:**

Hence, we have successfully created to create a form using JavaScript.

# Experiment 11

**Objective:** Write a script to get browser details through JavaScript.

**Software Used:** Visual Studio Code

**Program:**

```
<!DOCTYPE HTML>
<html>
   <head>
     <title>
        Get browser details through JavaScript
     </title>
   </head>
   <body>
<!-- The text field -->
<div id="example"></div>
<script>
txt = "<p>Browser CodeName: " + navigator.appCodeName + "</p>";
txt+= "<p>Browser Name: " + navigator.appName + "</p>";
txt+= "<p>Browser Version: " + navigator.appVersion + "</p>";
document.getElementById("example").innerHTML=txt;
</script>
   </body>
</html>
```

**Output:**

```
 1   <!DOCTYPE HTML>                                              Browser CodeName: Mozilla
 2 ▾ <html>
 3 ▾    <head>                                                    Browser Name: Netscape
 4 ▾      <title>
 5             Get browser details through JavaScript             Browser Version: 5.0 (Windows NT 10.0; Win64;
 6         </title>                                               x64) AppleWebKit/537.36 (KHTML, like Gecko)
 7      </head>                                                   Chrome/100.0.4896.127 Safari/537.36
 8 ▾    <body>
 9  <!-- The text field -->
10  <div id="example"></div>
11 ▾ <script>
12  txt = "<p>Browser CodeName: " + navigator.appCodeName + "</p>";
13  txt+= "<p>Browser Name: " + navigator.appName + "</p>";
14  txt+= "<p>Browser Version: " + navigator.appVersion + "</p>";
15  document.getElementById("example").innerHTML=txt;
16  </script>
17      </body>
18  </html>
19
```

**Conclusion:**

Hence, we have successfully created to create a form using JavaScript.

# Experiment 12

**Objective:** Write a script to create a form to input Username, Password and Age.

**Software Used:** Visual Studio Code

**Program:**

1. index.html

```html
<!DOCTYPE html>
<html lang="en">
 <head>
  <meta charset="UTF-8" />
  <meta http-equiv="X-UA-Compatible" content="IE=edge" />
  <meta name="viewport" content="width=device-width, initial-scale=1.0" />
  <title>Validation</title>
 </head>
 <body>
  <form>
   <label>Username: </label><input type="text" id="name" /><br />
   <label>Password: </label><input type="text" id="password" /><br />
   <label>Age: </label><input type="text" id="age" /><br />
   <button id="btn">Submit</button>
  </form>
  <script src="index.js"></script>
 </body>
</html>
```

2. index.js

```javascript
document.getElementById('btn').addEventListener('click', () => {
 let username = document.getElementById('name').value;
 if (username == '') {
  alert('The username cannot be empty');
 }
 let password = document.getElementById('password').value;
 if (password.length < 6) {
  alert('The password should be alteast 6 characters long');
 }
 let age = parseInt(document.getElementById('age').value);
 if (!(age >= 1 && age <= 19)) {
  alert('Age should be between 1 and 19');
 }
});
```

## Output:

```
Username: [          ]
Password: [          ]
Age: [        ]
[ Submit ]
```

## Conclusion:

Hence, we have successfully created a form to input Username, Password and Age.

```
Username: [          ]
Password: [          ]
Age: [        ]
[ Submit ]
```

# Experiment 13

**Objective:** Create a Calculator using HTML, CSS and JavaScript.

**Software Used:** Visual Studio Code

## Program:

```html
<!-- Create a simple Program to build the Calculator in JavaScript using with HTML and
CSS web languages. -->
<!DOCTYPE html>
<html lang = "en">
<head>
<title> JavaScript Calculator </title>

<style>
h1 {
   text-align: center;
   padding: 23px;

   color: rgb(208, 238, 153);
   }

#clear{
width: 270px;
border: 3px solid gray;
   border-radius: 3px;
   padding: 20px;
   background-color: rgb(240, 149, 149);
}

.formstyle
{
width: 300px;
height: 530px;
margin: auto;
border: 10px solid rgb(20, 22, 20);
border-radius: 5px;
padding: 20px;
}
input
{
width: 20px;
background-color: rgb(238, 218, 130);
color: rgb(2, 2, 2);
border: 3px solid gray;
   border-radius: 5px;
```

```
    padding: 26px;
    margin: 5px;
    font-size: 15px;
}
#calc{
width: 250px;
border: 5px solid black;
    border-radius: 3px;
    padding: 20px;
    margin: auto;
}
</style>

</head>
<body>
<h1> Calculator using JS </h1>
<div class= "formstyle">
<form name = "form1">

    <!-- This input box shows the button pressed by the user in calculator. -->
   <input id = "calc" type ="text" name = "answer"> <br> <br>
   <!-- Display the calculator button on the screen. -->
   <!-- onclick() function display the number prsses by the user. -->
   <input type = "button" value = "1" onclick = "form1.answer.value += '1' ">
   <input type = "button" value = "2" onclick = "form1.answer.value += '2' ">
   <input type = "button" value = "3" onclick = "form1.answer.value += '3' ">
    <input type = "button" value = "+" onclick = "form1.answer.value += '+' ">
   <br> <br>

   <input type = "button" value = "4" onclick = "form1.answer.value += '4' ">
   <input type = "button" value = "5" onclick = "form1.answer.value += '5' ">
   <input type = "button" value = "6" onclick = "form1.answer.value += '6' ">
   <input type = "button" value = "-" onclick = "form1.answer.value += '-' ">
   <br> <br>

   <input type = "button" value = "7" onclick = "form1.answer.value += '7' ">
   <input type = "button" value = "8" onclick = "form1.answer.value += '8' ">
   <input type = "button" value = "9" onclick = "form1.answer.value += '9' ">
   <input type = "button" value = "*" onclick = "form1.answer.value += '*' ">
   <br> <br>


   <input type = "button" value = "/" onclick = "form1.answer.value += '/' ">
   <input type = "button" value = "0" onclick = "form1.answer.value += '0' ">
    <input type = "button" value = "." onclick = "form1.answer.value += '.' ">
    <!-- When we click on the '=' button, the onclick() shows the sum results on the calculator
screen. -->
```
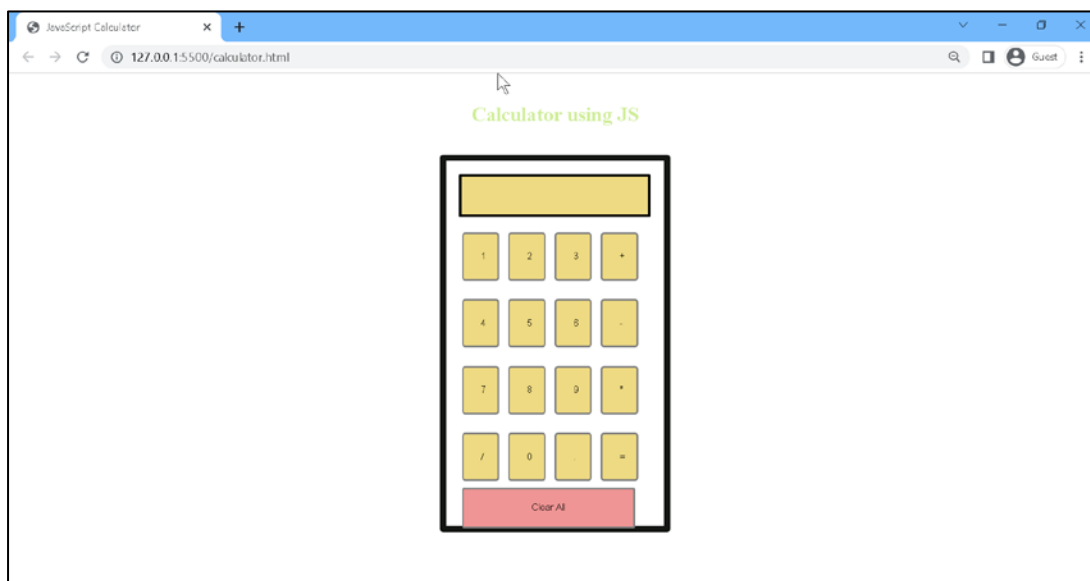
```
<input type = "button" value = "=" onclick = "form1.answer.value =
eval(form1.answer.value) ">
<br>
<!-- Display the Cancel button and erase all data entered by the user. -->
<input type = "button" value = "Clear All" onclick = "form1.answer.value = ' ' " id= "clear"
>
<br>

</form>
</div>
</body>
</html>
```

## Output:



## Conclusion:

Hence, we have successfully created a Calculator using HTML, CSS, and JavaScript.

# Experiment 14

**Objective:** Write a script to create a quiz using HTML forms and JavaScript.

**Software Used:** Visual Studio Code

**Program:**

```
<!DOCTYPE html>
<html lang="en">
<head>
   <meta charset="UTF-8">
   <meta http-equiv="X-UA-Compatible" content="IE=edge">
   <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <title>Document</title>
</head>
<body>
   <!-- <form action="/"> -->
      <label  for="input1">3+5</label><br>
      <input id="first" type="text" name="input1"><br>

      <label for="input2">4+6</label><br>
      <input id="second"  type="text" name="input2"><br>

      <label for="input3">7 X 5</label><br>
      <input id="third"  type="text" name="input3"><br>

      <button onclick="check()" type="submit" value="Submit">submit</button>
      <div id="ans"></div>

   <!-- </form> -->

   <script>

   function check(){

      var first=document.getElementById("first").value;
      var second=document.getElementById("second").value;
      var third=document.getElementById("third").value;

      var score=0;

      if(first==8)
         score=score+5;

      if(second==10)
         score=score+5;
```
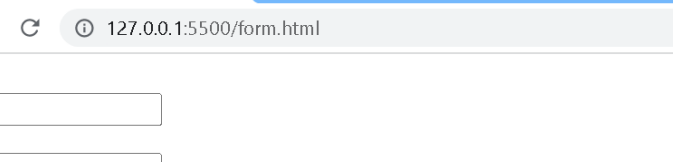
```
        if(third==35)
            score=score+5;

        console.log(">>>>>>>>>>>>>>>>>>",first,second,third,score);
        document.getElementById("ans").innerHTML = score;
        }
    </script>
</body>
</html>
```

## Output:



## Conclusion:

Hence, we have successfully created a script to create a quiz using HTML forms and JavaScript

# Experiment 15

**Objective:** Write a JSP script to show the use of JSP implicit objects.

**Software Used:** Visual Studio Code

**Program:**

1. index.jsp

```
<!DOCTYPE html>
<!--
To change this license header, choose License Headers in Project Properties.
To change this template file, choose Tools | Templates
and open the template in the editor.
-->
<html>
  <head>
    <title>Lab Experiment - 30/3/22</title>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
  </head>
  <body>
    <h2>JSP Implicit Objects</h2>
    <p>Displayed using JSP PrintWriter implicit object:</p>
    <% out.print("Today is:"+java.util.Calendar.getInstance().getTime()); %>

    <h3>Use JSP request object:</h3>
    <form action="request.jsp">
      <input type="text" name="username">
      <input type="submit" value="go"><br/>
    </form>

    <h3>Use JSP response object:</h3>
    <form action="response.jsp">
      <input type="submit" value="Go to Google">
    </form>

    <h3>Use JSP exception object:</h3>
    <form action="divide.jsp">
      <input type="number" name="num1">
      <input type="number" name="num2">
      <input type="submit" value="Divide"><br/>
    </form>
  </body>
</html>
```

2. divide.jsp

```jsp
<%--
    Document   : divide.jsp
    Created on : 30 Mar, 2022, 10:25:14 AM
    Author     : Gaurav
--%>

<%@page contentType="text/html" pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
    <head>
        <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
        <title>JSP Exception Demo</title>
    </head>
    <body>
        <%
            float ans;
            try{
                int num1 = Integer.parseInt(request.getParameter("num1"));
                int num2 = Integer.parseInt(request.getParameter("num2"));
                ans = num1/num2;
                out.println("Result =" + ans);
            }
            catch (Exception e) {
                out.println("An exception occurred: " + e.getMessage());
            }
        %>
    </body>
</html>
```

3. exception.jsp

```jsp
<%--
    Document   : exception
    Created on : 30 Mar, 2022, 10:27:26 AM
    Author     : Gaurav
--%>

<%@page contentType="text/html" pageEncoding="UTF-8"%>
<%@page isErrorPage="true"%>
<!DOCTYPE html>
<html>
    <head>
        <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
        <link rel="stylesheet" href="./style.css">
        <title>JSP Exception Page</title>
    </head>
```

```
    <body>
      <div class="divide-page">
        <h1>Error Occurred!</h1>
        <%out.print(exception);%>
      </div>
    </body>
</html>
```

4. pageContext.jsp

```
<%--
    Document   : pagecontext.jsp
    Created on : 30 Mar, 2022, 10:20:27 AM
    Author     : Gaurav
--%>

<%@page contentType="text/html" pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
    <head>
        <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
        <title>JSP Page Context Demo</title>
    </head>
    <body>
        <%
        String name=(String)pageContext.getAttribute("user",PageContext.SESSION_SCOPE);
        out.print("Hello "+name);
        %>
    </body>
</html>
```

5. request.jsp

```
<%--
    Document   : request
    Created on : 30 Mar, 2022, 9:51:09 AM
    Author     : Gaurav
--%>

<%@page import="java.util.Set"%>
<%@page contentType="text/html" pageEncoding="UTF-8"%>
<%@page errorPage="exception.jsp"%>
<!DOCTYPE html>
<html>
    <head>
        <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
        <title>JSP Request Object Demo</title>
    </head>
```

```jsp
    <body>
        <h2>Displayed using Request Object</h2>
        <%
            String name=request.getParameter("username");
            out.print("Hello, "+name);

            session.setAttribute("user", name);
            pageContext.setAttribute("user",name,PageContext.SESSION_SCOPE);
        %>
        <br/><br/>
        <a href="session.jsp">Use Session Object</a>

        <br/><br/>
        <a href="pagecontext.jsp">Use Page Context Object</a>

        <br/><br/>
        <a href="index.jsp">Back to Home</a>
    </body>
</html>
```

6. response.jsp

```jsp
<%--
    Document   : google
    Created on : 30 Mar, 2022, 10:02:56 AM
    Author     : Gaurav
--%>

<%@page contentType="text/html" pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
    <head>
        <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
        <title>JSP Response Demo</title>
    </head>
    <body>
        <% response.sendRedirect("http://www.google.com"); %>
    </body>
</html>
```

7. session.jsp

```jsp
<%--
    Document   : session.jsp
    Created on : 30 Mar, 2022, 10:07:58 AM
    Author     : Gaurav
--%>
```

```jsp
<%@page contentType="text/html" pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
    <head>
        <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
        <title>JSP Session Object</title>
    </head>
    <body>
        <h2>Hello, <%=session.getAttribute("user")%></h2>
    </body>
</html>
```
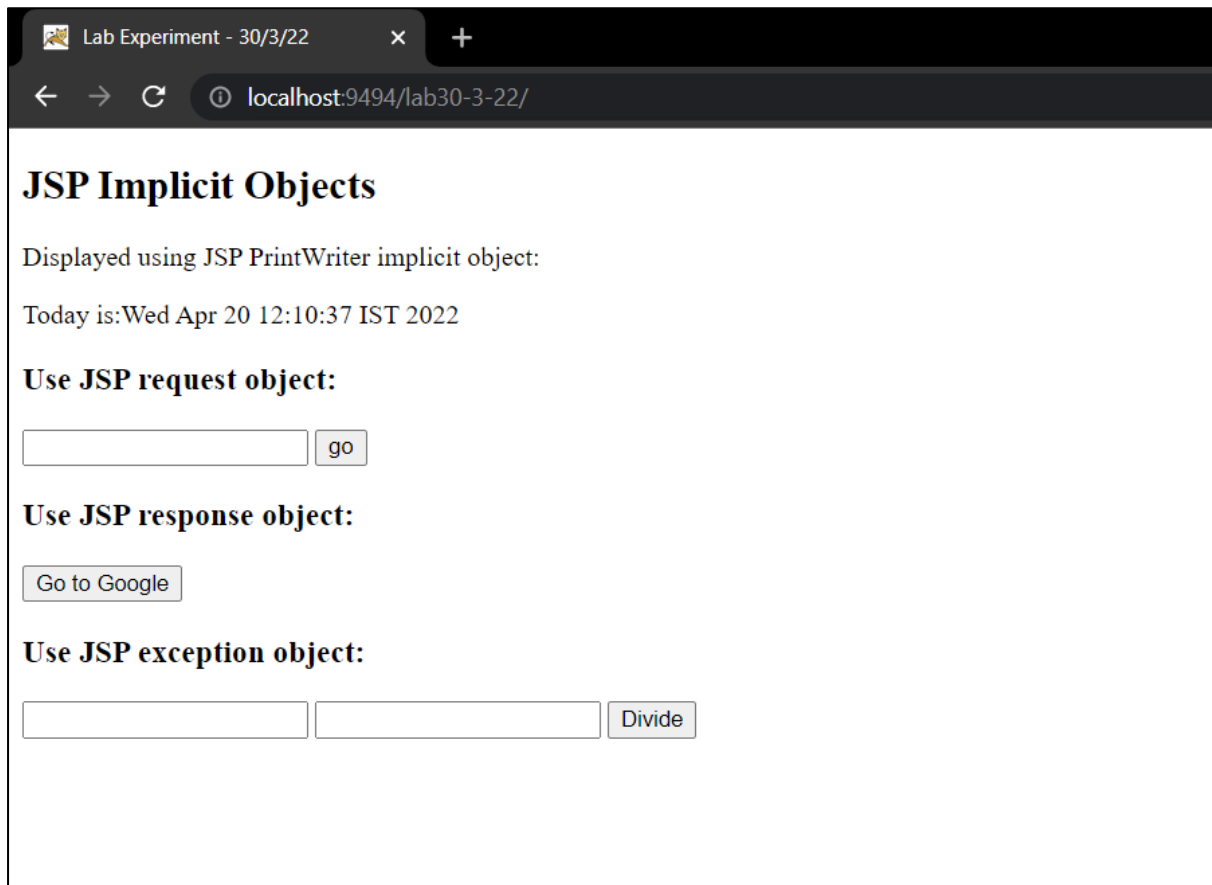
**Output:**

1. Out Implicit Object and Response Object:
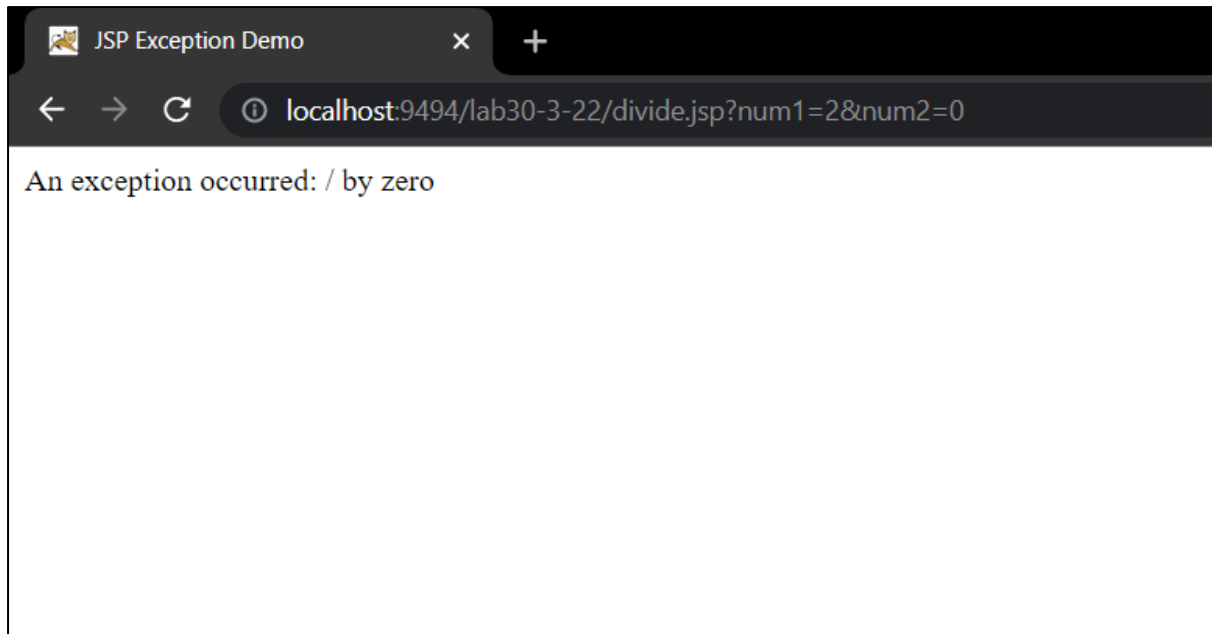


2. Request Implicit Object:
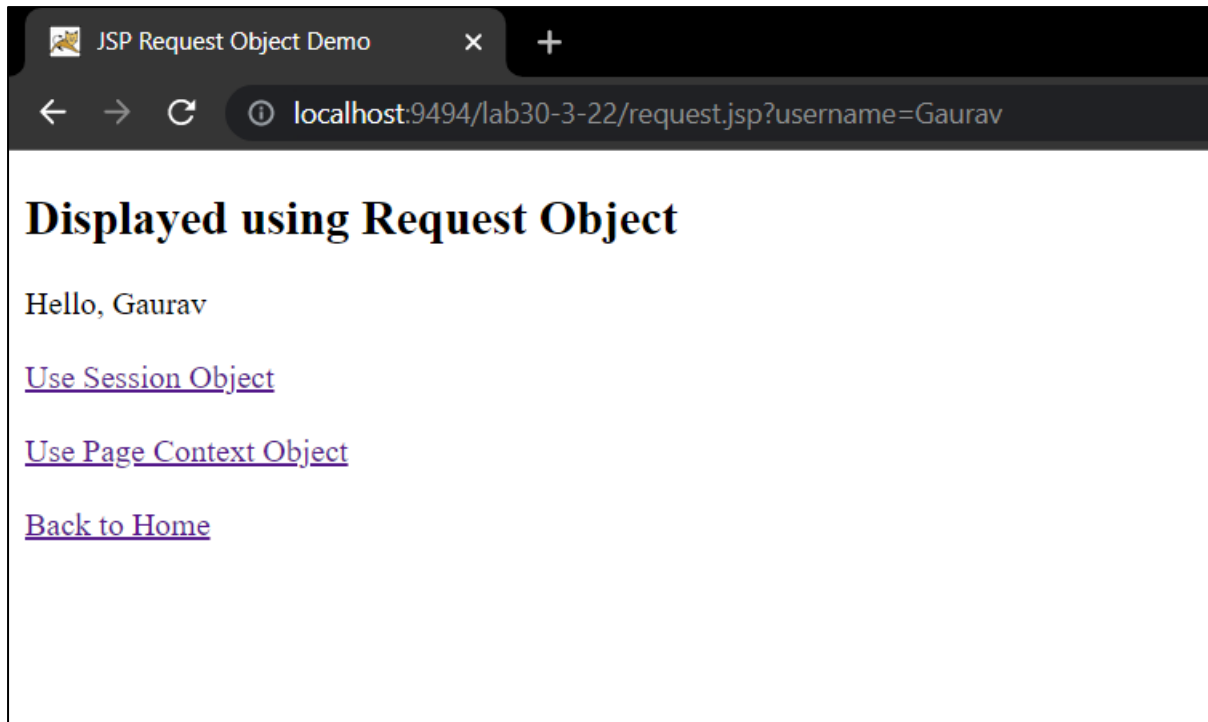
3. PageContext Implicit Object:
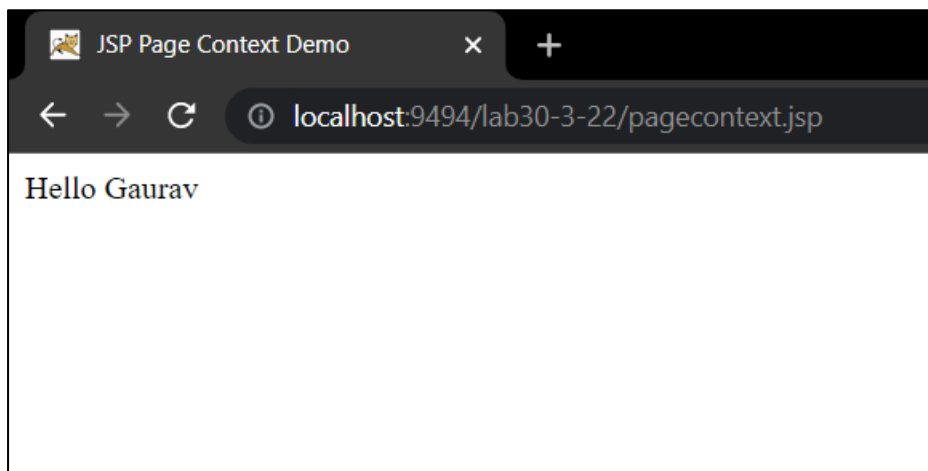


4. Exception Object:

## Conclusion:

Hence, we have successfully created a JSP script to demonstrate the use of JSP implicit objects.

# Experiment 16

**Objective:** Write a PHP script to:

       1) Print Sum of Digits

       2) Number is Prime or Non-prime.

**Software Used:** Visual Studio Code

**Program:**

1. index.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Lab Experiment - 6/4/22</title>
</head>
<body>

    <h2>Get sum of digits: </h2>
    <form action="sumofdigit.php" method="POST">
        <label for="number">Enter a number: </label>
        <input type="number" name="number" id="number">
        <br>
        <input type="submit">
    </form>

    <h2>Check Prime: </h2>
    <form action="isPrime.php" method="POST">
        <label for="number">Enter a number: </label>
        <input type="number" name="number" id="number">
        <br>
        <input type="submit">
    </form>
</body>
</html>
```

2. sumOfDigit.php

```html
<!DOCTYPE html>
<html lang="en">
<head>
```

```html
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Sum of Digits</title>
</head>
<body>
    <?php
        $num = $_POST["number"];
        echo "Sum of digits of $num = ";
        $sum = 0;
        while($num!=0){
            $digit = $num%10;
            $sum += $digit;
            $num = $num/10;
        }
        echo $sum;
    ?>
</body>
</html>
```

3. isPrime.php

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>isPrime</title>
</head>
<body>
    <?php
        $num = $_POST["number"];
        $flag = TRUE;
        for($i=2; $i<$num; $i++){
            if($num % $i == 0){
                $flag = FALSE;
                break;
            }
        }

        if($flag){
            echo "$num is Prime";
        }
        else{
            echo "$num is not Prime!";
        }
    ?>
```
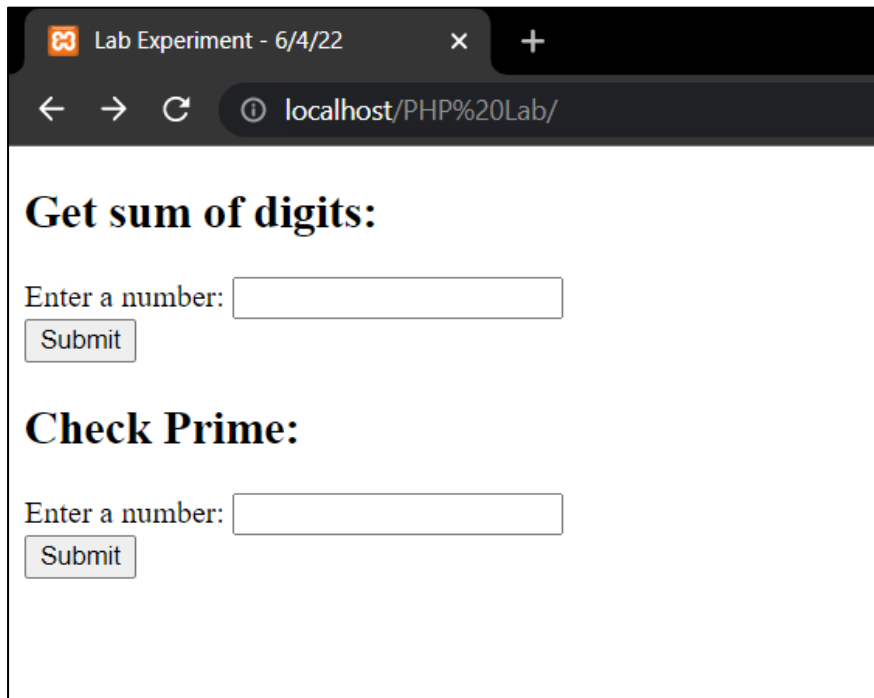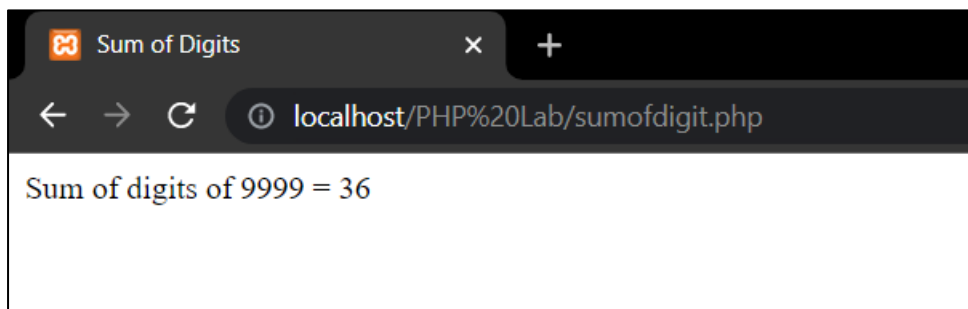
```
</body>
</html>
```

**Output:**







**Conclusion:**

Hence, we have successfully created a PHP script to print sum of digits and check whether a number is prime or not.

# Experiment 17

**Objective:** Create an eCommerce site using PHP and MySQL.

**Software Used:** Visual Studio Code

## Program:

1. index.php

```php
<?php

session_start();

include("includes/db.php");
include("includes/header.php");
include("functions/functions.php");
include("includes/main.php");

?>
 <!-- Cover -->
 <main>
  <div class="hero">
   <a href="shop.php" class="btn1">View all products
</a>
  </div>
  <!-- Main -->
  <div class="wrapper">
      <h1>Featured Collection<h1>

   </div>

  <div id="content" class="container"><!-- container Starts -->

  <div class="row"><!-- row Starts -->

  <?php
  getPro();
  ?>
  </div><!-- row Ends -->
  </div><!-- container Ends -->
  <!-- FOOTER -->
  <footer class="page-footer">

   <div class="footer-nav">
    <div class="container clearfix">
      <div class="footer-nav__col footer-nav__col--info">
```

```html
      <div class="footer-nav__heading">Information</div>
      <ul class="footer-nav__list">
       <li class="footer-nav__item">
        <a href="#" class="footer-nav__link">The brand</a>
       </li>
       <li class="footer-nav__item">
        <a href="#" class="footer-nav__link">Local stores</a>
       </li>
       <li class="footer-nav__item">
        <a href="#" class="footer-nav__link">Customer service</a>
       </li>
       <li class="footer-nav__item">
        <a href="#" class="footer-nav__link">Privacy &amp; cookies</a>
       </li>
       <li class="footer-nav__item">
        <a href="#" class="footer-nav__link">Site map</a>
       </li>
      </ul>
     </div>
     <div class="footer-nav__col footer-nav__col--whybuy">
      <div class="footer-nav__heading">Why buy from us</div>
      <ul class="footer-nav__list">
       <li class="footer-nav__item">
        <a href="#" class="footer-nav__link">Shipping &amp; returns</a>
       </li>
       <li class="footer-nav__item">
        <a href="#" class="footer-nav__link">Secure shipping</a>
       </li>
       <li class="footer-nav__item">
        <a href="#" class="footer-nav__link">Testimonials</a>
       </li>
       <li class="footer-nav__item">
        <a href="#" class="footer-nav__link">Award winning</a>
       </li>
       <li class="footer-nav__item">
        <a href="#" class="footer-nav__link">Ethical trading</a>
       </li>
      </ul>
     </div>

     <div class="footer-nav__col footer-nav__col--account">
      <div class="footer-nav__heading">Your account</div>
      <ul class="footer-nav__list">
       <li class="footer-nav__item">
        <a href="#" class="footer-nav__link">Sign in</a>
       </li>
       <li class="footer-nav__item">
        <a href="#" class="footer-nav__link">Register</a>
```

```
      </li>
      <li class="footer-nav__item">
       <a href="#" class="footer-nav__link">View cart</a>
      </li>
      <li class="footer-nav__item">
       <a href="#" class="footer-nav__link">View your lookbook</a>
      </li>
      <li class="footer-nav__item">
       <a href="#" class="footer-nav__link">Track an order</a>
      </li>
      <li class="footer-nav__item">
       <a href="#" class="footer-nav__link">Update information</a>
      </li>
     </ul>
    </div>
    <div class="footer-nav__col footer-nav__col--contacts">
     <div class="footer-nav__heading">Contact details</div>
     <address class="address">
     Head Office: Avenue Fashion.<br>
     180-182 Regent Street, London.
    </address>
     <div class="phone">
      Telephone:
      <a class="phone__number" href="tel:0123456789">0123-456-789</a>
     </div>
     <div class="email">
      Email:
      <a href="mailto:support@amistore.com" class="email__addr">support@
amistore.com</a>
     </div>
    </div>
   </div>
  </div>
  <!-- <div class="banners">
   <div class="container clearfix">
    <div class="banner-award">
     <span>Award winner</span><br> Fashion awards 2016
    </div>
    <div class="banner-social">
     <a href="#" class="banner-social__link">
     <i class="icon-facebook"></i>
    </a>
     <a href="#" class="banner-social__link">
     <i class="icon-twitter"></i>
    </a>
     <a href="#" class="banner-social__link">
     <i class="icon-instagram"></i>
    </a>
```
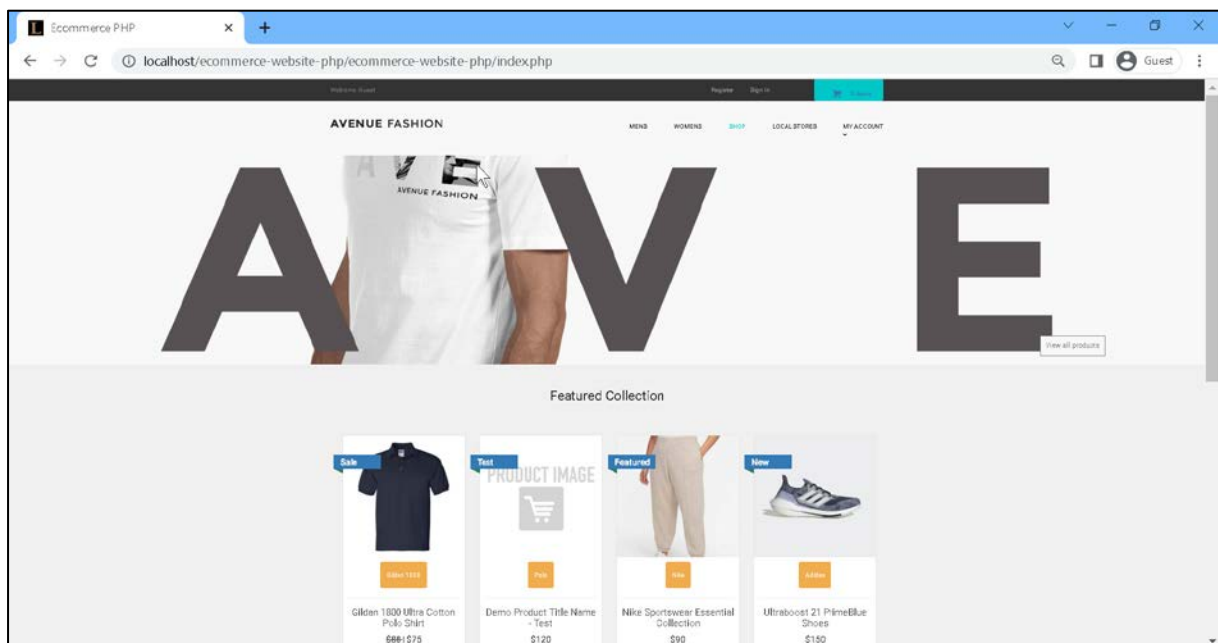
```
          <a href="#" class="banner-social__link">
          <i class="icon-pinterest-circled"></i>
        </a>
        </div>
      </div>
    </div> -->
    <div class="page-footer__subline">
      <div class="container clearfix">
        <div class="copyright">
        &copy; <?php echo date("Y");?> Ecommerce Website-PHP&trade;
        </div>
      </div>
    </div>
  </footer>
</body>
</html>
```

## Output:



## Conclusion:

Hence, we have successfully created an eCommerce using PHP and MySQL.