Full Stack Development Skill Course

1. Write a program to display AITS Results Marksheet using HTML tables.

Source Code:-

```html
<!DOCTYPE html>
<html>
  <head>
    <style>
      table,tr,td,th{
          border:1px solid black;
          border-collapse:collapse;
                          text-align:center;

      }
                  th{

                  background:#f05e7f;
                  color:white;
                  }
                  td:nth-child(3){
                          text-align:left;
                  }
                  tr:nth-of-type(odd){
                  background:#eceaea;
                  }
    </style>
  </head>
  <body>
  <table width="50%" height="500">
    <tr height="50" >
      <th>S.no</th>
      <th>SubCode</th>
      <th>Subject Name</th>
      <th>Int</th>
      <th>Ext</th>
      <th>Total</th>
      <th>Final <br> Grade</th>
      <th>Credits</th>
      <th>Status</th>
      </tr>
```

```html
<tr>
    <td>1</td>
    <td>23ABS9903</td>
    <td>Engineering Physics</td>
    <td>29</td>
    <td>62</td>
    <td>91</td>
    <td>S</td>
    <td>3.00</td>
    <td>PASS</td>
</tr>
<tr>
    <td>2</td>
    <td>23ABS9904</td>
    <td>Linear Algebra & <br>Calculus</td>
    <td>30</td>
    <td>69</td>
    <td>99</td>
    <td>S</td>
    <td>3.00</td>
    <td>PASS</td>
</tr>
<tr>
    <td>3</td>
    <td>23AES0201</td>
    <td>Basic Electrical and <br>Electronics Engineering</td>
    <td>30</td>
    <td>63</td>
    <td>93</td>
    <td>S</td>
    <td>3.00</td>
    <td>PASS</td>
</tr>
<tr>
    <td>4</td>
    <td>23AES0301</td>
    <td>Engineering Graphics</td>
    <td>30</td>
    <td>56</td>
    <td>86</td>
```

```
      <td>A</td>
      <td>3.00</td>
      <td>PASS</td>
   </tr>
   <tr>
      <td>5</td>
      <td>23AES0501</td>
      <td>Intoduction to <br> Programming</td>
      <td>30</td>
      <td>58</td>
      <td>88</td>
      <td>A</td>
      <td>3.00</td>
      <td>PASS</td>
   </tr>
   <tr>
      <td>6</td>
      <td>23AES0503</td>
      <td>IT Workshop</td>
      <td>28</td>
      <td>70</td>
      <td>98</td>
      <td>S</td>
      <td>1.00</td>
      <td>PASS</td>
   </tr>
   <tr>
      <td>7</td>
      <td>23ABS9908</td>
      <td>Engineering Physics<br> Lab</td>
      <td>30</td>
      <td>70</td>
      <td>100</td>
      <td>S</td>
      <td>1.00</td>
      <td>PASS</td>
   </tr>
   <tr>
      <td>8</td>
      <td>23AES0202</td>
```

```
          <td>Electrical and<br> Electronics Engineering<br> Workshop</td>
          <td>30</td>
          <td>67 </td>
          <td>97</td>
          <td>S</td>
          <td>1.50</td>
          <td>PASS</td>
      </tr>
      <tr>
          <td>9</td>
          <td>23AES0502</td>
          <td>Computer<br> Programming Lab</td>
          <td>30</td>
          <td>70</td>
          <td>100</td>
          <td>S</td>
          <td>1.50</td>
          <td>PASS</td>
      </tr>
      <tr>
          <td>10</td>
          <td>23AHM9904</td>
          <td>NSS/NCC/Scouts & <br>Guides/Community <br>Service</td>
          <td>50</td>
          <td>0</td>
          <td>50</td>
          <td>S</td>
          <td>0.50</td>
          <td>PASS</td>
      </tr>
    </table>
  </body>
</html>
```

Result:-

The Above program was successfully executed and completed.

2. Write an HTML program, to explain the working of lists.

Source Code:-

```
<!DOCTYPE html>
<html lang="en">
<head>
    <title>Understanding HTML Lists</title>
    <style>
        body {
            font-family: Arial, sans-serif;
            margin: 20px;
        }
        h1 {
            color: #333;
        }
        h2 {
            color: #555;
        }
        ul, ol {
            margin: 10px 0;
            padding-left: 20px;
        }
    </style>
</head>
<body>
    <h1>Understanding HTML Lists</h1>
    <p>HTML provides two main types of lists: ordered lists and unordered lists.</p>

    <h2>1. Unordered Lists</h2>
    <p>An unordered list is a collection of items that do not have a specific order. It is created using the <code><ul></code> tag.</p>
    <ul>
        <li>Item 1</li>
        <li>Item 2</li>
        <li>Item 3</li>
    </ul>

    <h2>2. Ordered Lists</h2>
```

```html
    <p>An ordered list is a collection of items that are arranged in a specific order. It is
created using the <code><ol></code> tag.</p>
    <ol>
      <li>First Item</li>
      <li>Second Item</li>
      <li>Third Item</li>
    </ol>

    <h2>3. Nested Lists</h2>
    <p>Lists can also be nested within each other.</p>
    <ul>
      <li>Main Item 1
        <ul>
          <li>Sub Item 1</li>
          <li>Sub Item 2</li>
        </ul>
      </li>
      <li>Main Item 2</li>
    </ul>


</body>
</html>
```

Result:-

The Above program was successfully executed and completed.

3. Write an HTML program, to display the Results page with two fieldsets that
   will show the marquee to the notifications and a list of results that are results
   out in this semester.

   Source Code:-

   ```html
   <!Doctype html>

   <html>
   <head>
   <style>
   table,tr,th,td{
   border:1px solid black;
   border-collapse:collapse;

   }
   #box{

   display:flex;
   flex-direction:row;
   }
   td{
     text-align:center;
     }
   td:nth-of-type(odd){
     color:black;
   }
   img{
   display:block;
   margin-left:auto;
   margin-right:auto;
   width:50%;
   }
   table{
     width:100%;
   }

   fieldset{

     height:200px;
   ```

```
}
a{
text-decoration:none;

}
a:hover{
  text-decoration:underline;
}
marquee{

  height:180px;
}
legend{
  text-align:center;
  font-weight:bold;
  font-size:20px;
}
td{
color:#cf059f;

}
th{
background:LightCoral;
color:white;
}
</style>
</head>
<body>
<img
src="htttps://examinations.aits-tpt.edu.in/Images/SBICON/New%20folder/Header.png"
width="50%" height="20%">
<br>
<div id="box" width="100%">
<fieldset width="30%">
<legend>Notifications</legend>

<marquee direction="up" loop="">
  <a href=""> RV Results of III B.Tech I sem(AK20) Regular Nov-2024</a><br>
  <br>
  <a href=""> RC Results of III B.Tech I sem(AK20) Regular Nov 2024</a>
```

```html
</marquee>


</fieldset>


<fieldset width="70%">
<legend>Results</legend>

<table>
  <tr>
        <th>Published Date</th>
        <th>Examination</th>
  </tr>
  <tr>
        <td>22-01-2025</td>
        <td>B.TECH II YEAR I SEMESTER REGULAR
EXAMINATIONS,DECEMBER2024(22-01-2025)</td>
  </tr>
  <tr>
        <td>22-01-2025</td>
        <td>B.TECH II YEAR I SEMESTER REGULAR
EXAMINATIONS,DECEMBER2024(22-01-2025)</td>
  </tr>
  <tr>
        <td>22-01-2025</td>
        <td>B.TECH II YEAR I SEMESTER REGULAR
EXAMINATIONS,DECEMBER2024(22-01-2025)</td>
  </tr>
  <tr>
        <td>22-01-2025</td>
        <td>B.TECH II YEAR I SEMESTER REGULAR
EXAMINATIONS,DECEMBER2024(22-01-2025)</td>
  </tr>
</table>

</fieldset>
</div>
</body>
</html>
```

Result:-

The Above program was successfully executed and completed.

4. Write an HTML program, to explain the working of frames, such that the page is to be divided into 3 parts in either direction.

Source Code:-

Frames.html

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

    <title>Frames Example</title>
</head>
<frameset rows="30%,30%,30%">
    <frame src="image.html" name="imageFrame">
    <frame src="paragraph.html" name="paragraphFrame">
    <frame src="link.html" name="linkFrame">
    <noframes>
      <body>
        <p>This page requires a browser that supports frames.</p>
      </body>
    </noframes>
</frameset>
</html>
```

image.html

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

    <title>Image Frame</title>
</head>
<body>
    <img
src="https://examinations.aits-tpt.edu.in/Images/SBICON/New%20folder/Header.png"
alt="Description of Image" style="width:100%; height:auto;">
</body>
</html>
```

paragraph.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <title>Paragraph Frame</title>
</head>
<body>
    <p>This is a paragraph explaining the use of frames in HTML. Frames allow you to divide the browser window into multiple sections, each capable of displaying a different document.</p>
</body>
</html>
```

link.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <title>Link Frame</title>
</head>
<body>
    <a href="https://www.google.com" target="_blank">Visit Google.com</a>
</body>
</html>
```

Result:-

The Above program was successfully executed and completed.

5. Write an HTML program, to display the registration form to read the name, password, phone number, dob, hobbies, gender, and country.

Source Code:-

```html
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Registration Example</title>
</head>
  <style>
    table {
      width: 50%;
      margin: 20px auto;
      border-collapse: collapse;
    }
    th, td {
      padding: 10px;
      border: 1px solid #ccc;
      text-align: left;
    }
    th {
      background-color: #f2f2f2;
    }
  </style>
</head>
<body>
  <h2 style="text-align: center;">Registration Form</h2>
  <form action="#" method="post">
    <table>
      <tr>
        <th><label >Name:</label></th>
        <td><input type="text" id="name" name="name" required></td>
      </tr>
      <tr>
        <th><label >Password:</label></th>
        <td><input type="password" id="password" name="password" required></td>
      </tr>
      <tr>
        <th><label >Phone Number:</label></th>
```

```html
      <td><input type="number" id="number" name="number" required></td>
    </tr>
    <tr>
      <th><label >Date of Birth:</label></th>
      <td><input type="date" id="dob" name="dob" required></td>
    </tr>
    <tr>
      <th>Hobbies:</th>
      <td>
        <input type="checkbox" id="hobby1" name="hobbies" value="Reading">
Reading
        <input type="checkbox" id="hobby2" name="hobbies" value="Traveling">
Traveling
      </td>
    </tr>
    <tr>
      <th>Gender:</th>
      <td>
        <input type="radio" id="male" name="gender" value="male" required> Male
        <input type="radio" id="female" name="gender" value="female"> Female
      </td>
    </tr>
    <tr>
      <th><label >Country:</label></th>
      <td>
        <select id="country" name="country">
          <option value="india">India</option>
          <option value="usa">USA</option>
          <option value="canada">Canada</option>
          <option value="uk">UK</option>
        </select>
      </td>
    </tr>
    <tr>
      <th colspan="2" style="text-align: center;">
        <input type="submit" value="Submit">
        <input type="reset" value="Reset">
      </th>
    </tr>
  </table>
```

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

Result:-

The Above program was successfully executed and completed.

6. Write an HTML program, to embed video in the webpage.

Source Code:-

```html
<!DOCTYPE html>
<html>
<body>

<div style="text-align:center">
  <button onclick="playPause()">Play/Pause</button>
  <button onclick="makeBig()">Big</button>
  <button onclick="makeSmall()">Small</button>
  <button onclick="makeNormal()">Normal</button>
  <br><br>
  <video id="video1" width="420">
    <source
src="http://distribution.bbb3d.renderfarming.net/video/mp4/bbb_sunflower_1080p_30fps
_normal.mp4" type="video/mp4">
    <source src="mov_bbb.ogg" type="video/ogg">
    Your browser does not support HTML video.
  </video>
</div>

<script>
var myVideo = document.getElementById("video1");

function playPause() {
  if (myVideo.paused)
    myVideo.play();
  else
    myVideo.pause();
}

function makeBig() {
    myVideo.width = 560;
}

function makeSmall() {
    myVideo.width = 320;
}
```

```
function makeNormal() {
    myVideo.width = 420;
}
</script>

<p>Video courtesy of <a href="https://www.bigbuckbunny.org/" target="_blank">Big
Buck Bunny</a>.</p>

</body>
</html>
```

Result:-

The Above program was successfully executed and completed.

7. Write an HTML program, to embed Map and Youtube video in the webpage.

Source Code:-

Map.html

```
<!Doctype html>
<html>
<head></head>
<body>

<iframe
src="https://www.google.com/maps/embed?pb=!1m18!1m12!1m3!1d17104.801265779486!2d79.50822738385023!3d13.667728073302689!2m3!1f0!2f0!3f0!3m2!1i1024!2i768!4f13.1!3m3!1m2!1s0x3a4d49b8ccc17129%3A0x52ac31398b7897eb!2sAnnamacharya%20Institute%20of%20Technology%20%26%20Sciences%3A%3ATIRUPATI!5e1!3m2!1sen!2sin!4v1738225418920!5m2!1sen!2sin" width="600" height="450"
style="border:0;" allowfullscreen="" loading="lazy"
referrerpolicy="no-referrer-when-downgrade"></iframe>

</body>
</html>
```

Youtube.html

```
<!Doctype html>
<html>
<head></head>
<body>

<iframe width="560" height="315"
src="https://www.youtube.com/embed/S9QR3PjZ_rY?si=sPVSE1YRM304-pz2"
title="YouTube video player" frameborder="0" allow="accelerometer; autoplay;
clipboard-write; encrypted-media; gyroscope; picture-in-picture; web-share"
referrerpolicy="strict-origin-when-cross-origin" allowfullscreen></iframe>

</body>
</html>
```

Result:-

The Above program was successfully executed and completed.