

FULL STACK ASSIGNMENT

Submitted By
Duvvuri Naga Sai Aparna
ENG18CS0096
VII Sem CSE B

1Q. Write HTML code for the following Character Entities.

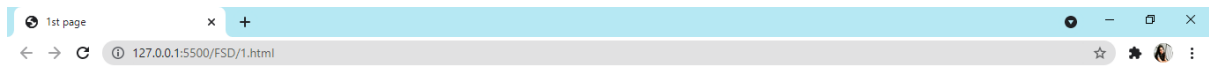
CODE

```
<!DOCTYPE html>
<html>

<head>
<title>1st page</title>
</head>
<body>
<h1>charcter entity examples</h1>
<ol>
<li>the address of variable represented as &a</li>
<li>5&lt6</li>
<li>10&gt8</li>
<li>this represents &quotDouble quotes&quot</li>
<li>this represents &#39Single quotes&#39</li>
<li>one fifth of fraction represented as &frac12</li>
<li>the degree is represented as &deg </li>
<li>the cuurency in europe is &#8364 </li>
<li>&copy jan 2021,Your Name.All copyrights reserved</li>
</ol>
</body>

</html>
```

OUTPUT



charcter entity examples

1. the address of variable represented as &a
2. 5<6
3. 10>8
4. this represents "Double quotes"
5. this represents 'Single quotes'
6. one fifth of fraction represented as ½
7. the degree is represented as °
8. the cuurency in europe is €
9. © jan 2021,Your Name.All copyrights reserved

2Q. Write HTML code to design the webpage as follows using Anchor <a> tag. For every tab, the web page should display some content. Use Relative URLs

CODE

Index.html

```
<!DOCTYPE html>
<html>
<head>
  <title>ENG18CS0096_Aparna Duvvuri</title>
  <h1>Full Stack Web Development Assignment</h1>
  <h2>Submitted by ENG18CS0096_Aparna Duvvuri</h2>
  <h3>This Webpage is designed using anchor tag and by
    clicking on each tab will redirect to respective content and this done
    using Relative URLs.</h3>
  <style>
    button {
      background-color: rgb(229, 255, 0);
      height: 50px;
      width: 90px;
      border: none;
      margin-right: 10px;
    }

    a {
      text-decoration: none;
      color: inherit;
    }
  </style>
</head>
```

```

<body>
  <button><a target="_blank" href="about.html">About</a></button>
  <button><a target="_blank" href="Introduction.html">Introduction</a></button>
  <button><a target="_blank" href="Achievements.html">Achievements</a></button>
  <button><a target="_blank" href="Education.html">Education</a></button>
  <button><a target="_blank" href="#contact">Contact Us</a></button>
  <br>
  <br>
  <br>
  <br>
  <p>
    <h1 id="contact">Contact Us</h1><br>
  </p>
</body>

</html>

```

About.html

```

<!DOCTYPE html>
<head>
  <title>About</title>
</head>

<body>
  <p>A full stack web developer is a person who can develop both client and
  server software.
  In addition to mastering HTML and CSS,
  he/she also knows how to: Program a browser (like using JavaScript, j
  Query, Angular, or Vue)</p>
</body>

</html>

```

Achievements.html

```

<!DOCTYPE html>
<head>
  <title>Achievement</title>
</head>

<body>

```

```

    <p>I am a web developer with a vast array of knowledge in many different f
ront end and back end languages, responsive frameworks, databases, and best co
de practices. My objective is simply to be the best web developer
        that I can be and to contribute to the technology industry all that I
know and can do.</p>
</body>

</html>

```

Education.html

```

<!DOCTYPE html>
<head>
    <title>Education</title>
</head>
<body>
    <p>Now, a Full Stack Developer is a software expert who's equally prof
icient in frontend (client-side)
        development and backend (server-
side) development. Full Stack Developers are familiar with each layer
        of tech stacks that go into the making of a software product. They kno
w how each layer functions and,
        most importantly, can manipulate all the backend components.

    Full Stack Developers have a broad skill set and extensive knowledge b
ase. Thus, one needs years of experience in software development to earn the t
itle of a Full Stack Developer. They are highly valued by large companies and
small startups alike. Doing full stack web development courses significantly i
ncreases your chances of getting hired in your dream
        company as adding certifications from authorized institutions increase
s the weightage of your resume. </p>
</body>
</html>

```

Introduction.html

```

<!DOCTYPE html>
<head>
    <title>Introduction</title>
</head>

<body>
    <p>When you aspire to become a Full Stack Developer, technical skills
solely won't suffice. You must possess the perfect balance of technical knowle
dge and soft skills. Every Full Stack Developer must have the following soft s
kills:

```

```
An analytical bent of mind
Good time management skills
Curiosity for learning
Attention to detail
Creative vision
Patience</p>
```

```
</body>
```

```
</html>
```

OUTPUT:



Full Stack Web Development Assignment

Submitted by ENG18CS0096_Aparna Duvvuri

This Webpage is designed using anchor tag and by clicking on each tab will redirect to respective content and this done using Relative URLs.

[About](#)[Introduction](#)[Achievements](#)[Education](#)[Contact Us](#)

Contact Us

3 a) Write HTML code to design the webpage as shown below. Insert any picture

CODE

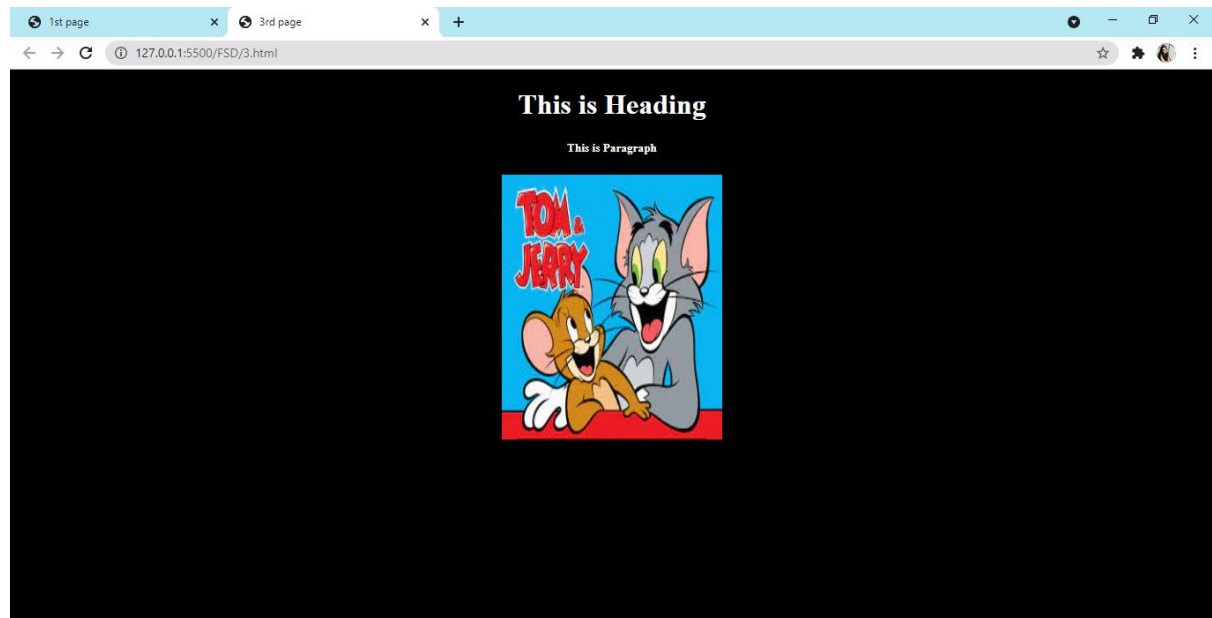
```
<!DOCTYPE html>
<html>
  <style>
    .body{
      background-color: black;
      text-align: center;
    }
  </style>
  <head>
    <title>3rd page</title>
  </head>

  <body class="body">

    <h1 style="color: white;">This is Heading</h1>
    <h5 style="color: white; ">This is Paragraph</h5>
    
```

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

OUTPUT



3b. Design a webpage with images as follows.

a. Above Each Image the required text should be displayed.

b. Clicking on each image should lead to a page that describes the image

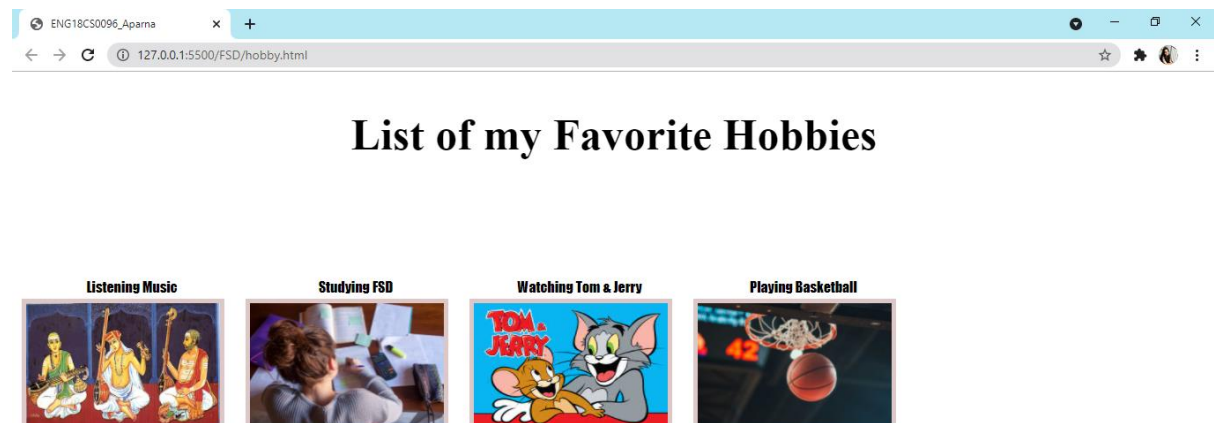
```
<!DOCTYPE html>
<html>
<head>
  <title>ENG18CS0096_Aparna</title>
  <style>
    img {
      width: 220px;
      height: 140px;
      border: rgb(221, 199, 199) solid 5px;
    }
    td {
      width: 250px;
      margin-right: 10px;
      font-family: Impact, Haettenschweiler, 'Arial Narrow Bold', sans-
serif;
      font-weight: semi bold;
    }
  </style>
</head>
```

```

<body>
  <h2 style="text-align: center; font-
size: 50px;">List of my Favorite Hobbies</h2><br><br>
  <br>
  <br>
  <br>
  <table>
    <tr>
      <td align = center>Listening Music</td>
      <td align = center>Studying FSD</td>
      <td align = center>Watching Tom & Jerry</td>
      <td align = center>Playing Basketball</td>
    </tr>
    <tr>
      <td><a target="_blank"></a>
      </td>
      <td><a target="_blank"></a></td>
      <td><a target="_blank"></a>
      </td>
      <td><a target="_blank"></a>
      </td>
    </tr>
  </table>
</body>
</html>

```

OUTPUT:



5. Write HTML code using lists to display the following:

a)

The ol type attribute

- I. Coffee
- II. Tea
- III. Milk

b) 50. Coffee

51. Tea

52. Milk

c) VI. Coffee

CODE

```
<!DOCTYPE html>
<html>
<style>
ol.a {list-style-type: upper-roman;}
ol.b {list-style-type: decimal;}
ol.c {list-style-type: upper-roman;}
ol.d {list-style-type: lower-roman;}
</style>
<head>
<title>5th page</title>
</head>

<body>
<h1 style="text-align: center;">The ol type attribute</h1>

<ol class = "a">
<li>coffee</li>
<li>Tea</li>
<li>Milk</li>
</ol>

<ol class = "b" start="50">
<li>coffee</li>
<li>Tea</li>
<li>Milk</li>
</ol>

<ol class = "c" start="6">
<li>coffee</li>
<li>Tea</li>
```



```

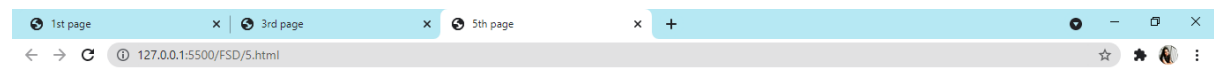
<li>Milk</li>
</ol>

<ol class="d" start="6">
<li>coffee</li>
<li>Tea</li>
<li>Milk</li>
</ol>

</body>

</html>

```



The ol type attribute

I. coffee
 II. Tea
 III. Milk

 50. coffee
 51. Tea
 52. Milk

 VI. coffee
 VII. Tea
 VIII. Milk

 vi. coffee
 vii. Tea
 viii. Milk

6. Design the following stair case (hint.. CSS)

CODE

```

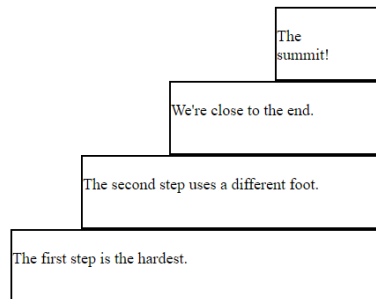
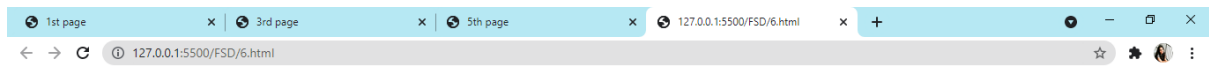
<!DOCTYPE html>
<head>
<style>
.step {
  border: 2px solid black;
  font-size: 18px;
  height: 80px;
}

```

```
.step:nth-child(1)
  {width: 120px; margin-left: 600px; margin-top: 100px;
}
.step:nth-child(2)
  {width: 240px; margin-left: 480px;
}
.step:nth-child(3)
  {width: 340px; margin-left: 380px;
}
.step:nth-child(4)
  {width: 420px; margin-left: 300px;
}
</style>
</head>

<body>
<div class='step'><br>The<br>summit!</div>
<div class='step'><br>We're close to the end.</div>
<div class='step'><br>The second step uses a different foot.</div>
<div class='step'><br>The first step is the hardest.</div>
</body>
</html>
```

OUTPUT



7. Design the following table (with the rows for Day1,Day2).Apply appropriate CSS

CODE

```
<!DOCTYPE html>
<html>
  <style>

  </style>
</html>
<head>
<title>6th page</title>
</head>
<body>
<div class="a">
<table style="width: 100%;">
<tr style="width: 100%;">
<th style="padding-right: 30%;">Day</th>
<th style="padding-right: 30%;">image</th>
<th style="padding-right: 30%;">Article Name</th>
<th style="padding-right: 30%;">Auther</th>
<th style="padding-right: 30%;">Words</th>
<th style="padding-right: 30%;">Shares</th>
</tr>
<tr >
<td>1</td>
<td></td>
<td>Bootstrap 4 CDN and starter template</td>
<td>Critina</td>
<td>913</td>
<td>2846</td>
```

```

</tr>



<td>2</td>
<td></td>
<td>Bootstrap grid 4 tutorials and examples</td>
<td>crisrina</td>
<td>1434</td>
<td>3417</td>
</tr>

</table>
</div>
</body>

</html>

```

OUTPUT

Day	image	Article Name	Auther	Words	Shares
1		Bootstrap 4 CDN and starter template	Critina	913	2846
2		Bootstrap grid 4 tutorials and examples	crisrina	1434	3417

8. Create a web page using form. Once you click on submit button, link to other page.

Note: Use external CSS for styling.

CODE

```

<!DOCTYPE html>
<html>
<link rel="stylesheet" type = "text/css" href="8.css">
<head>
<title>8th page</title>
</head>
<body class="body">
<h1 style="text-align: center; ">Enter Your Details</h1>
<form action="" class="from">
<label for ="fname">FIRST NAME</label>

```

```

<input type="text" id="fname" name="first name" max="20">
<br>
<label for="usn">USN</label>
<input type="text" id="usn" name="usn" max="20">
<br>
<br>
<label for="select year">SELECT YEAR</label>
<br>
<input type="radio"><label for="FIRST">FIRST</label>
<br>
<input type="radio"><label for="SECOND">SECOND</label>
<br>
<input type="radio"><label for="THIRD">THIRD</label>
<br>
<input type="radio"><label for="FOURTH">FOURTH</label>
<br>
<br>
<label for="select subjects">SELECT SUBJECTS</label>
<br>
<input type="radio"><label for="web programming">WEB PROGRAMMING</label>
<br>
<input type="radio"><label for="DESIGN AND ANALYSIS OF ALOGORITHMS">DESIGN AND
ANALYSIS OF ALOGORITHMS</label>
<br>
<input type="radio" for = "signals and systems"><label>SIGNALS AND SYSTEMS</la
bel>
<br>
<button><a href="another.html">submit to another web page</a></button>

</form>

</body>

</html>

```

OUTPUT

1st page x 3rd page x 5th page x 127.0.0.1:5500/FSD/6.x 6th page x 8th page x + -

127.0.0.1:5500/FSD/8.html ☆

Enter Your Details

FIRST NAME

USN

SELECT YEAR

☐ FIRST

☐ SECOND

☐ THIRD

☐ FOURTH

SELECT SUBJECTS

☐ WEB PROGRAMMING

☐ DESIGN AND ANALYSIS OF ALOGORITHMS

☐ SIGNALS AND SYSTEMS

[submit to another web page](#)

9. Create an Event Registration HTML page with CSS3 components

CODE

```
<!DOCTYPE html>
<head>
  <link rel="stylesheet" href="9.css">
</head>

<body>
  <div class="container">
    <div class="title">Event Registration Form</div>
    <form action="#">
      <div class="user-details">
        <div class="input-box">
          <span class="details">First Name</span>
          <input type="text" placeholder="firstname">
        </div>

        <div class="input-box">
          <span class="details">Surname Name</span>
          <input type="text" placeholder="surname">
        </div>

        <div class="input-box">
          <span class="details">Email</span>
          <input type="text" placeholder="e.g. abc@gmail.com">
        </div>

        <div class="input-box">
          <span class="details">Phone</span>
        </div>
      </div>
    </form>
  </div>
</body>
```

```
        <input type="text" placeholder="phone number">
    </div>

    <div class="input-box">
        <span class="details">Age</span>
        <input type="number">
    </div>

    <div class="input-box">
        <span class="details">Password</span>
        <input type="text" placeholder="password">
    </div>

    <div class="input-box">
        <span class="details">Confirm Password</span>
        <input type="text" placeholder="re-enter password">
    </div>
</div>

<div class="gender-details">
    <input type="radio" name="gender" id="dot-1">
    <input type="radio" name="gender" id="dot-2">
    <input type="radio" name="gender" id="dot-3">
    <span class="gender-title">Gender</span>
    <div class="category">
        <label for="dot-1">
            <span class="dot one"></span>
            <span class="gender">Male</span>
        </label>

        <label for="dot-2">
            <span class="dot two"></span>
            <span class="gender">Female</span>
        </label>

        <label for="dot-3">
            <span class="dot three"></span>
            <span class="gender">Other</span>
        </label>
    </div>
</div>

<div class="button">
    <input type="submit" value="Register">
</div>
</form>
</div>
</body>
```

```
</html>
```

CSS CODE

```
*{
  margin: 0;
  padding: 0;
  box-sizing: border-box;
  font-family: 'Roboto', sans-serif;
}

body{
  display: flex;
  height: 100vh;
  justify-content: center;
  align-items: center;
  background: LightCoral;
  margin-top : 40px;
}

.container{
  max-width: 700px;
  width: 100%;
  background: LightBlue;
  padding: 25px 30px;
  border-radius: 5px;
}

.container .title{
  font-size: 25px;
  font-weight: 500;
}

.container form .user-details{
  display: flex;
  flex-wrap: wrap;
  justify-content: space-between;
  margin: 20px 0 12px 0;
}

form .user-details .input-box{
  margin-bottom: 15px;
  width: calc(100% / 2 - 20px);
}

.user-details .input-box .details{
  display: block;
  font-weight: 500;
  margin-bottom: 5px;
}
```



```
}

.user-details .input-box input{
  height: 45px;
  width: 100%;
  outline: none;
  border-radius: 5px;
  border: 1px solid black;
  padding-left: 15px;
  font-size: 16px;
}

.user-details .input-box input:focus,
.user-details .input-box input:valid{
  border-color: #9b59b6;
}

form .gender-details .gender-title{
  font-size: 20px;
  font-weight: 500;
}

form .gender-details .category{
  display: flex;
  width: 80%;
  margin: 14px 0;
  justify-content: space-between;
}

.gender-details .category label{
  display: flex;
  align-items: center;
}

.gender-details .category .dot{
  height: 18px;
  width: 18px;
  background: #d9d9d9;
  border-radius: 50%;
  margin-right: 10px;
  border: 5px solid transparent;
  transition: all 0.3s ease;
}

#dot-1:checked ~ .category label .one,
#dot-2:checked ~ .category label .two,
#dot-3:checked ~ .category label .three{
  border-color: #d9d9d9;
}
```

```

        background: #9b59b6;
    }

    form input[type="radio"]{
        display: none;
    }

    form .button{
        height: 45px;
        margin: 45px 0;
    }

    form .button input{
        height:100%;
        width: 100%;
        outline: none;
        color: white;
        font-size: 18px;
        font-weight: 500;
        background: DarkSlateGrey;
        border-radius: 5px;
        letter-spacing: 1px;
    }

    form .button input:hover{
        background: navy;
    }

```

OUTPUT

The screenshot shows a web browser window with multiple tabs. The active tab displays a web page with a red background. In the center is a light blue rectangular box titled "Event Registration Form". Inside this box, there are several input fields and a button:

- First Name:** A text input field with the placeholder "firstname".
- Surname Name:** A text input field with the placeholder "surname".
- Email:** A text input field with the placeholder "e.g. abc@gmail.com".
- Phone:** A text input field with the placeholder "phone number".
- Age:** A text input field.
- Password:** A text input field with the placeholder "password".
- Confirm Password:** A text input field with the placeholder "re-enter password".
- Gender:** Three radio buttons labeled "Male", "Female", and "Other".
- Register:** A dark green button with white text.