

# **LAB ASSIGNMENTS**

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## **ASSIGNMENT-1**

**Creating a web page using templates, adding links, create a website and hosting for free.**

### **INDEX.HTML**

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
  <link href="style.css" rel="stylesheet">
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/
6.4.2/css/all.min.css" />
</head>
</head>
<body>
  <div id="container" class="topnav">
    <span id="span1">ARSHA</span>
```

<a href="https://business.facebook.com/"><button class="btn">Get Started</button></a>

<a href="https://bootstrapmade.com/contact/">Contact Us</a>

<a href="https://bootstrapmade.com/license/">Drop Down </a>

<a href="https://bootstrapmade.com/members/">Team</a>

<a href="https://qaremote.jobs/blog/best-custom-software-development-companies-in-india/?gclid=Cj0KCQjwldKmBhCCARIsAP-0rfznxxPPA8qtAPIJLZCMvV66GNqsRoIokfqZzTP57\_QIARGKqa8sxuYaAhgVEALw\_wcB">Portfolio</a>

<a href="#">Services</a>

<a href="#">About</a>

<a href="https://bootstrapmade.com/">Home</a>

<h3>Better Solutions For <br> Your Business</h3>

<p>We are team of talented designer making<br> websites with bootstrap</p>

<button class="btn1">Get Started</button>



<a href="https://youtu.be/pVKIbnhDbsQ"> <i class="fa fa-play-circle" id="play" ></i> </a>

<h4>Watch Video</h4>

</div>

<div id="container2">

<h2>Don't sit down and wait for the opportunities to come. Get up and make them.</h2>

</div>

<h1 id="h1">About Us</h1>

<p id="para">

Business is a Professional business Platform <br> Here we will provide you only interesting content, which you will like very much<br> We're dedicated to providing you the best of business,

with a focus on dependability and business We're working to turn our <br>passion for business into a booming online website We hope you enjoy our business as much as we enjoy offering them to you.

I will keep posting more <br>important posts on my Website for all of you. Please give your support and love.<br>

Have a nice day! </p>

<br><br>

<br>

<br>

<br>

```
</body>
```

```
</html>
```

## STYLE.CSS

```
*{  
    margin:0;  
}  
#container{  
    width: 1440px;  
    height: 600px;  
    background-color:#335176;  
}  
a{  
    padding: 20px;  
    float: right; text-  
    decoration: none;  
    color: white;  
    font-family: 'Lucida Sans', 'Lucida Sans Regular', 'Lucida Grande', 'Lucida Sans  
    Unicode', Geneva, Verdana, sans-serif,  
}  
.btn{  
    width: 150px;  
    height: 40px;  
    border-radius: 20px;  
    border: 2px solid rgb(80, 176, 218);  
    background-color:#3d608b ;  
    color: white;  
    font-size: 13pt;  
}  
a:hover{  
    color:rgb(80, 176, 218) ;  
}  
.btn:hover{ border-  
    radius: 20px; border:  
    none;  
    background-color: rgb(80, 176, 218) ;  
    color: white;  
    font-size: 13pt;
```

```
}

#span1{
    position: absolute;
    top: 0%;
    font-family: 'Lucida Sans', 'Lucida Sans Regular', 'Lucida Grande', 'Lucida Sans Unicode', Geneva, Verdana, sans-serif;
    color: white;
    padding: 20px;
    font-size: 17pt;
    font-weight: bold;
}

h3{
    position: relative;
    top: 30%;
    margin-left: 50px;
    font-size: 30pt;
    color: white;
    font-family: 'Lucida Sans', 'Lucida Sans Regular', 'Lucida Grande', 'Lucida Sans Unicode', Geneva, Verdana, sans-serif;
}

p{
    position: relative;
    top: 35%; margin-
    left: 50px; font-
    size: 13pt;
    color: rgb(220, 217, 217);
    font-family: 'Lucida Sans', 'Lucida Sans Regular', 'Lucida Grande', 'Lucida Sans Unicode', Geneva, Verdana, sans-serif;
}

.btn1{
    position: absolute;
    top: 55%; margin-
    left: 50px;

    width: 150px;
    height: 40px;
    border-radius: 20px;
    border: none;
    background-color: rgb(80, 176, 218) ;
    color: white;
    font-size: 13pt;
}
```

```
.btn1:hover{  
    border-radius: 20px;  
    border: 2px solid #3d608b;  
    background-color:#3d608b ;  
    color:white;  
    font-size: 13pt;  
}  
i{  
    position: absolute;  
    top: 55%;  
    left: 19%;  
    color:white;  
    font-size: 25pt;  
}  
i:hover{  
    font-size: 30px;  
}  
h4{  
    position: absolute;  
    top: 56%; margin-  
    left: 320px;  
    font-size: 12pt;  
    color: #3d608b;  
    font-family:'Courier New', Courier, monospace;  
}  
.img1{  
    width: 400px;  
    height: 400px;  
    position: relative;  
    top: 0%;  
    left: 54%;  
}  
#container2{  
    width: 1440px;  
    height: 100px;  
    background-color:rgba(215, 215, 215, 0.877);  
}  
h2{  
    color: #3d608b;  
    font-family: 'Lucida Sans', 'Lucida Sans Regular', 'Lucida Grande', 'Lucida Sans  
    Unicode', Geneva, Verdana, sans-serif;  
    padding: 28px;  
    margin-left: 180px;
```

```

}

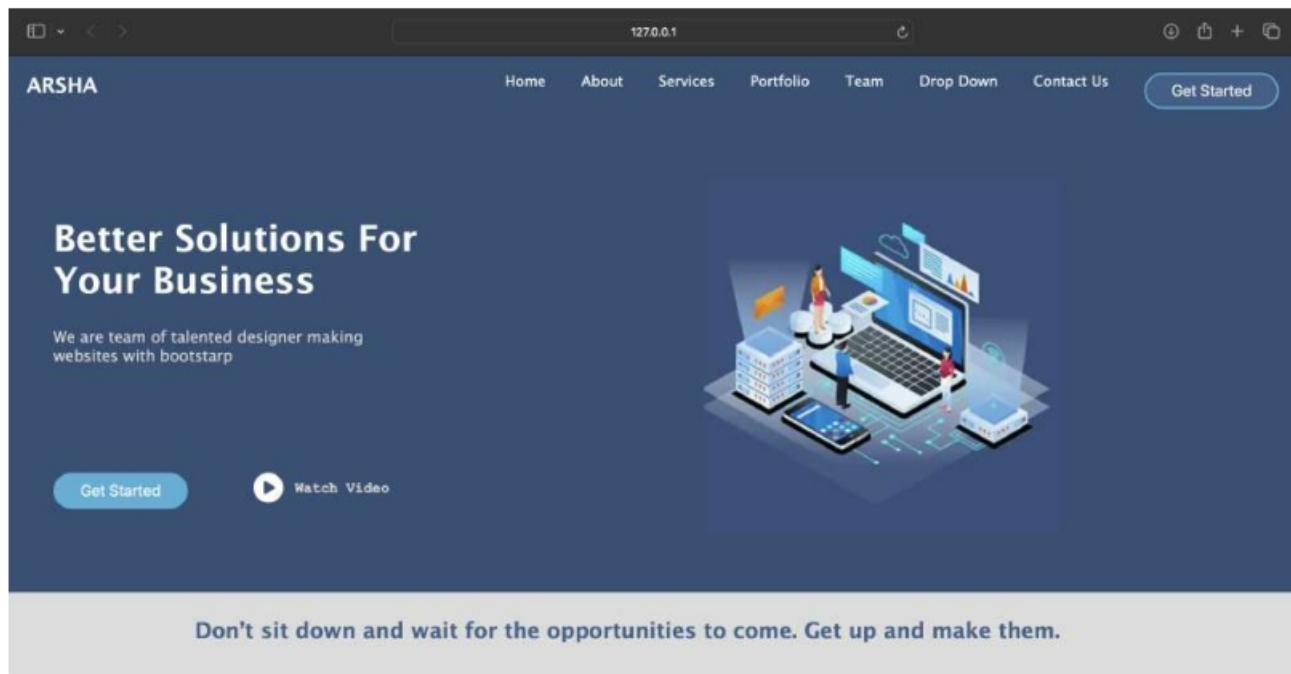
#h1
{
    padding: 50px;
    margin-left: 500px;
    font-family: 'Lucida Sans', 'Lucida Sans Regular', 'Lucida Grande', 'Lucida Sans Unicode', Geneva, Verdana, sans-serif;
    font-weight: 400;
    color: #3d608b;
    font-size: 38pt;
}

}

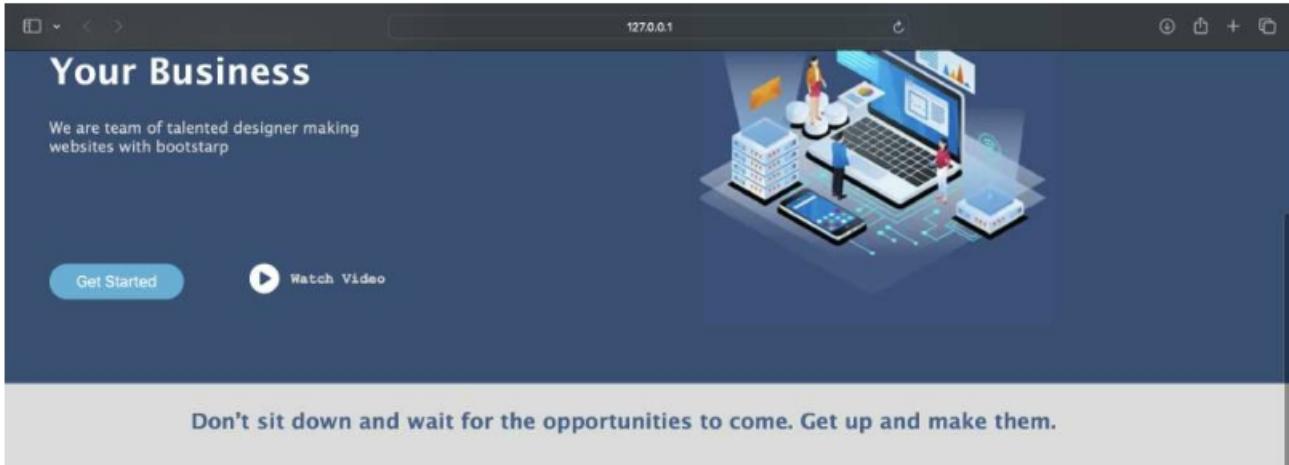
#para {
    text-align: center;
    color: #3d608b;
}

}

```



## About Us



## About Us

Business is a Professional business Platform

Here we will provide you only interesting content, which you will like very much  
We're dedicated to providing you the best of business, with a focus on dependability and business We're working to turn our passion for business into a booming online website We hope you enjoy our business as much as we enjoy offering them to you. I will keep posting more important posts on my Website for all of you. Please give your support and love.  
Have a nice day!

# ASSIGNMENT-2

## Starting hello world of web page, HTML Tags, Frames, Hyperlinks, Embedding images and videos

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
  <style>
    #image{
      width: 500px;
      height: 500px;
    }
  
```

```
p{  
    font-size: 20pt;  
    color: purple;  
}  
  
</style>  
</head>  
<body>  
<p> hello world of web page, HTML Tags</p>  
    <h1>Hello World</h1>  
    <h2>Hello World</h2>  
    <h3>Hello World</h3>  
    <h4>Hello World</h4>  
    <h5>Hello World</h5>  
    <h6>Hello World</h6>  
    <p>Hyperlinks</p>  
    <a href="https://www.w3schools.com/"></a>  
    <p>Embedding images and videos</p>  
      
    <video controls width="600px" height="600px">  
        <source src="/Lab/assignment-2/video.mp4" type="video/mp4">  
    </video><br><br><br>  
    <p>Frames</p>  
    <iframe src="/Lab/assignment-2/video.mp4" width="800px" height="500px">  
  
</body>  
</html>
```

hello world of web page, HTML Tags

**Hello World**

Hello World

Hello World

Hello World

Hello World

Hello World

Hyperlinks



127.0.0.1

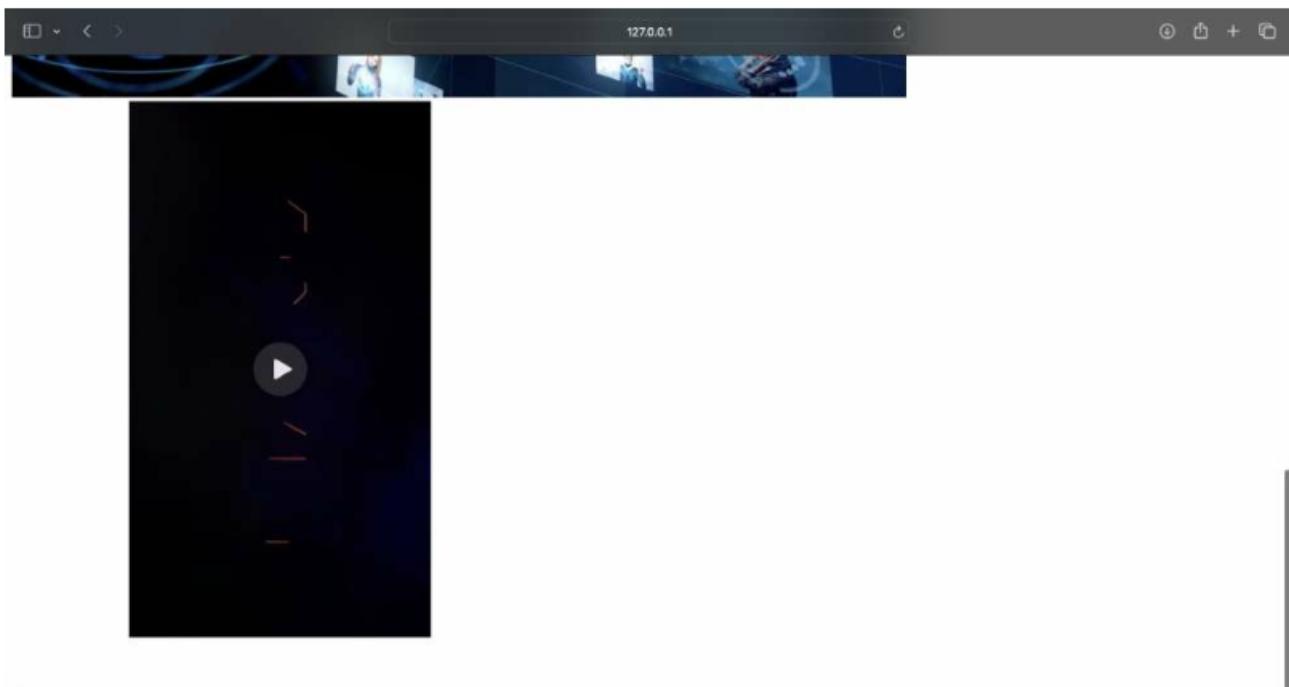
**SCHOOLS**

Certification Program



Embedding images and videos





Frames



Frames





# Assignment-3

create three different styles of web pages(inline , internal ,external) using the elements color , font-family ,font-size ,border ,padding and margin for each web page.

# Inline CSS:

Input:

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Document</title>
7 </head>
8 <body style="background-color: #blanchedalmond; padding:0; margin:0; ">
9   <div style="display: flex; background-color: #white;">
10    <a href="#" style="text-decoration:none;"> 
11    <a href="#" style="color:#rgb(152, 150, 147); text-decoration:none; margin-top:10px; padding:20px;">Why Slack?</a>
12    <a href="#" style="color:#rgb(152, 150, 147); text-decoration:none; margin-top:10px; padding:20px;">Solutions</a>
13    <a href="#" style="color:#rgb(152, 150, 147);text-decoration:none; margin-top:10px; padding:20px;">Resources</a>
14    <a href="#" style="color:#rgb(152, 150, 147);text-decoration:none; margin-top:10px; padding:20px;">Enterprise</a>
15    <a href="#" style="color:#rgb(152, 150, 147);text-decoration:none; margin-top:10px; padding:20px;">Pricing</a>
16    <a href="#" style="color:#rgb(152, 150, 147);text-decoration:none; margin-top:10px; margin-left:360px; padding:20px;">Sign In</a>
17    <a href="#" style="color:#rgb(152, 150, 147);text-decoration:none; margin-top:2px; margin-left:20px; padding:20px;"><button style="font-weight:500; border-radius:5px; background-color: #white; font-size:10pt;font-weight:700; margin-left:100px; margin-top:30px; font-weight:500; color:#aliceblue; border:none; border-radius:5px; border:1px solid #purple; border-radius:5px; width:400px;">Hey Can You Do it...?</button></a>
18  </div>
19  <h1 style="font-size:40pt;font-family:'Lucida Sans', 'Lucida Sans Regular', 'Lucida Grande', 'Lucida Sans Unicode', Geneva, Verdana, sans-serif; margin-top:0; margin-bottom:0; font-weight:700; color:#aliceblue; border:none; border-radius:5px; border:1px solid #purple; border-radius:5px; width:400px;">Hey Can You Do it...?</h1>
20  <p style="font-size:13pt;font-family:'Lucida Sans', 'Lucida Sans Regular', 'Lucida Grande', 'Lucida Sans Unicode', Geneva, Verdana, sans-serif; margin-left:0; margin-top:0; margin-bottom:0; font-weight:700; color:#aliceblue; border:none; border-radius:5px; border:1px solid #purple; border-radius:5px; width:400px;">Hey Can You Do it...?</p>
21  
22  
23  
24  <pre style="position: absolute; top:50%; left:61%;">Hey Can You Do it...?</pre>
25 </body>
26 </html>
```

```

8
9
10 ISEhgSEh4SGBEUERISEhIYGBUZGrgUGRkeIS41HB84HyQYJjgmLS80NTU1GiQ7Tjs4Py5CNT88DAwMEA80HxISHzsJCYxMT80Mzo0Pzc7NT0+NDYx0Dc0NzQ0Nj80PTE/PDY2Pz0xMTQ2MTE1NDQ1NDQxNDQx
11
12
13
14
15
16
17 ht:500; color:#aliceblue; border:none; border-radius:5px; background-color:#purple; height:40px; width:150px">GET STARTED</button></a>
18
19 in-top:200px; margin-left:100px;">Slack Is Where <br>Work Happen</h1>
20 in-left:100px;">With channels is slack,you and your team know<br>where to go to ask questions,share updates and <br> stay in the loop.</p>
21 background-color:#purple; height:50px; width:160px">TRY FOR FREE</button>
22 :5px; height:50px; width:160px">CONTACT SALE</button>
23 CEAAGBw8PDw8PDw8NDQ0NDg4PDg0NDQ8PDQ4QFhEYFhURFRUYHSggGBolGxYVITIIJSkrLi4uFx810DMtNygtLisBCgoKDg0OFRAQFS0lHiUtLysvLSstLS0tKystLS0rLS0tLi0tLSstKystLS0tLS0tLS0t
24 rful-bearded-man-smiles-gladfully-dressed-casual-white-t-shirt-being-good-mood-poses-against-blue-background-with-copy-space-glad-european-guy-with-stubble-st
25 Gc57Shi8_RiDNMpRv2cHK92t-5JLzwWpIUQL4sb8uGjiqYkjCTr00LA3pKHQl_bM1N4cgNE&usqp=CAU" alt="">
26
27
28

```

## Output:

The screenshot shows the official Slack website homepage. At the top, there's a navigation bar with the Slack logo, links for "Why Slack?", "Solutions", "Resources", "Enterprise", and "Pricing", a "Sign In" button, and a prominent purple "GET STARTED" button. Below the navigation is a large yellow header section with the tagline "Slack Is Where Work Happen" in bold black font. To the left of the tagline is a small paragraph of text: "With channels is slack,you and your team know where to go to ask questions,share updates and stay in the loop.". Below this text are two buttons: a purple one labeled "TRY FOR FREE" and a white one labeled "CONTACT SALE". To the right of the tagline is a circular portrait of a man with curly hair, pointing upwards with both hands. A speech bubble originates from his mouth with the text "Hey Can You Do it...?". Below this is another circular portrait of a man with short hair and a beard, smiling. The overall design is clean and modern, using a palette of yellows, purples, and blues.

# Internal CSS:

Input:

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
  </head>
  <style>
    *{
      margin: 0;
      padding: 0;
    }
    body{
      background-image: url('https://immonkey-blog.imgix.net/blog/wp-content/uploads/2015/09/25145520/');
      background-size: cover;
    }
    .container{
      width: 1440px;
      height:70px;
      background-color: #rgb(253, 251, 251);
      display: flex;
    }
    a{
      color: #Black;
      text-decoration: none;
    }
  </style>
</html>
```

```
text-decoration: none;
margin-top: 25px;
padding-left: 90px;
z-index: 2;
}
h4{
  float: right;
  margin-left: 400px;
  margin-top: 15px;
}
.para{
  font-family: 'Gill Sans', 'Gill Sans MT', Calibri, 'Trebuchet MS', sans-serif;
  color: #rgb(159, 158, 157);
}
.pre1{
  margin-left:430px;
  margin-top: 100px;
  font-family: 'Gill Sans', 'Gill Sans MT', Calibri, 'Trebuchet MS', sans-serif;
  font-size: 16pt;
  font-weight: 900;
  word-spacing: 5px;
  color: #white;
}
h1{
  text-align: center;
  margin-top: 10px;
  font-family: 'Gill Sans', 'Gill Sans MT', Calibri, 'Trebuchet MS', sans-serif;
  font-size: 100pt;
```

The screenshot shows a code editor interface with a dark theme. The left sidebar contains icons for file operations like Open, Save, Find, and Refresh. The main area displays the following CSS code:

```
57     font-size: 100pt;
58     font-weight: 700;
59     letter-spacing: 30px;
60     color: black;
61   }
62   .pre2{
63     margin-left: 430px;
64     margin-top: 10px;
65     font-family: 'Gill Sans', 'Gill Sans MT', Calibri, 'Trebuchet MS', sans-serif;
66     font-size: 16pt;
67     font-weight: 900;
68     word-spacing: 5px;
69     color: black;
70   }
71   button{
72     margin-left: 560px;
73     margin-top: 60px;
74     height: 50px;
75     width: 200px;
76     border: none;
77     border-radius: 10px;
78     background-color: black;
79     color: white;
80     font-family: 'Gill Sans', 'Gill Sans MT', Calibri, 'Trebuchet MS', sans-serif;
81     font-weight: 900;
82     font-size: 13pt;
83   }
84 }
```

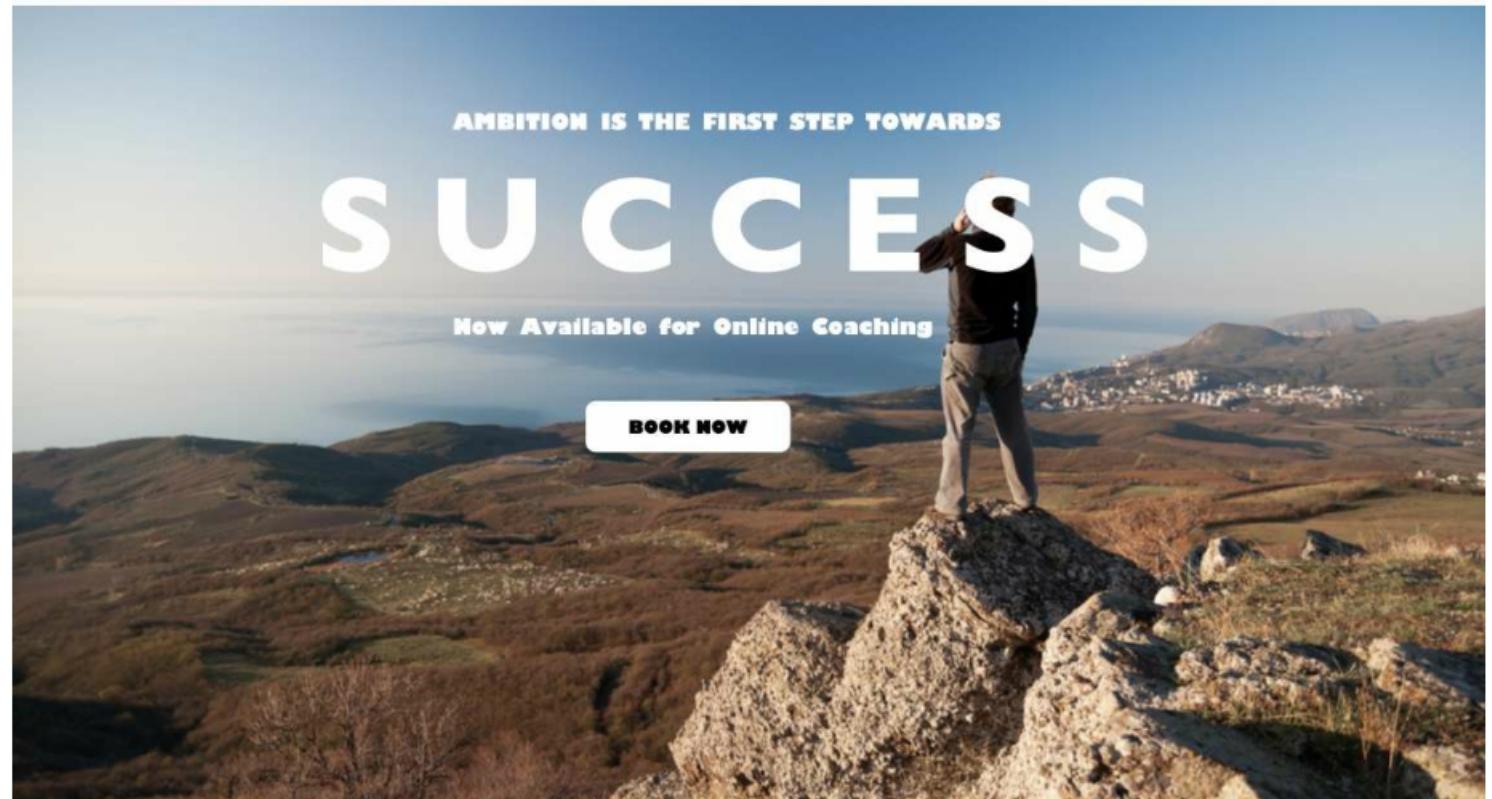
The status bar at the bottom indicates the file is 'home.html', line 26, column 6, with 4 spaces, encoding 'UTF-8', and line feed 'LF'. It also shows 'Port: 5500' and 'Blackbox'.

The screenshot shows a code editor interface with a dark theme. The left sidebar contains icons for file operations like Open, Save, Find, and Refresh. The main area displays the following HTML and CSS code:

```
81   font-family: 'Gill Sans', 'Gill Sans MT', Calibri, 'Trebuchet MS', sans-serif;
82   font-weight: 900;
83   font-size: 13pt;
84 }
85
86 </style>
87 <body>
88   <div class="container">
89     <a href="#">Home</a>
90     <a href="#">About</a>
91     <a href="#">Blog</a>
92     <a href="#">Contact Us</a>
93     <a href="#">Services</a>
94     <h4>ALLAN JOSHAN <br> <p class="para">Personal Life Coach</p></h4>
95   </div>/.container
96   <pre class="pre1">AMBITION IS THE FIRST STEP TOWARDS</pre>
97   <h1>SUCCESS</h1>
98   <pre class="pre2">Now Available for Online Coaching </pre>
99   <button>BOOK NOW</button>
100 </body>
101 </html>
```

The status bar at the bottom indicates the file is 'home.html', line 26, column 6, with 4 spaces, encoding 'UTF-8', and line feed 'LF'. It also shows 'Port: 5500' and 'Blackbox'.

Output;



# EXTERNAL CSS:

Input:

A screenshot of a code editor showing the HTML code for a landing page. The code includes a navigation bar with links to Home, About Us, Services, Blog, and Contact Us. It also features a text box with a heading and a paragraph of placeholder text. A separate file, style.css, is linked within the HTML.

```
index1.html # style.css 1
Lab > assignment-3 > index1.html > html > body > div.bg-img > nav > ul > li
1  <!DOCTYPE html>
2  <html lang="en">
3    <head>
4      <meta charset="UTF-8" />
5      <meta name="viewport" content="width=device-width, initial-scale=1" />
6      <title>Landing page</title>
7      <link rel="stylesheet" href="style.css" />
8    </head>
9    <body>
10      <div class="bg-img">
11        <div class="blur"></div>
12        <nav>
13          <ul>
14            <li>
15              <a href="#"><button>Get Talk</button></a>
16            </li>
17            <li><a href="#">CONTACT US</a></li>
18            <li><a href="#">SERVICES</a></li>
19            <li><a href="#">BLOG</a></li>
20            <li><a href="#">ABOUT US</a></li>
21            <li><a href="#">HOME</a></li>
22          </ul>
23        </nav>
24        <div class="text-box">
25          <h3>LETS IMPROVE YOUR</h3>
26          <h1>Business Results</h1>
27          <pre>
28            Lorem ipsum dolor sit amet,consectetur adipiscing elit,sed
29            elusmod tempor incididunt ut labore et dolore.Qui
30        </div>
31      </div>
32    </body>
33  </html>
```

```
index1.html # style.css 1
Lab > assignment-3 > index1.html > html > body > div.bg-img > nav > ul > li
31      </pre>
32      >
33      <button>Go Now</button>
34      </div>/.text-box
35
36      <div class="box-1"></div>
37      <div class="box">
38          <h1>A</h1>
39          <h4>-DVERTISEMENT</h4>
40      </div>/.box
41      </div>/.bg-img
42      <h1>Latest Projects</h1>
43      <div>
44          <div class="images">
45              /.img-1
50              /.img-2
55              /.img-3
59
```

0 1 Blackbox β

html > body > div > nav > ul Ln 20, Col 44 Spaces: 4 UTF-8 LF ⚡ HTML ⚡ Port : 5500 Blackbox ✨ Prettier ⚡

```
index1.html # style.css 1
Lab > assignment-3 > index1.html > html > body > div.bg-img > nav > ul > li
56      class="img-3"
57      src="https://media.istockphoto.com/id/1197547409/photo/group-meeting-led-by-middle-eastern-et"
58      alt="#"
59  >/.img-3
60  /.img-4
65  </div>/.images
66  </div>
67  <button class="btn-1">Digital Marketing</button>
68  <button class="btn-2">Market Analysis</button>
69  <button class="btn-3">Offline Marketing</button>
70  <button class="btn-4">SEO Marketing</button>
71  </body>
72  </html>
73
```

0 1 Blackbox β

html > body > div > nav > ul Ln 20, Col 44 Spaces: 4 UTF-8 LF ⚡ HTML ⚡ Port : 5500 Blackbox ✨ Prettier ⚡

# Style.css

## External css

```
body{
    padding: 0;
    margin: 0;
    max-width: fit-content;
}

.bg-img{
    background-image: url(https://watermark.lovepik.com/photo/20211130/large/lovepik-business-elite-group-discussion-picture\_501266757.jpg);
    width: 1440px;
    height: 600px;

}

.blur{
    position: absolute;
    width: 1440px;
    height: 600px;
    top: 0;
    left: 0;
    -webkit-backdrop-filter: brightness(0.25);
    z-index: 1;
}

nav{
    width: 1440px;
    padding: 20px 10%;
    position: absolute;
    left: 30%;
    z-index: 2;
    display: flex;
    justify-content: space-between;
    float: right;

}

nav ul li{
    display: inline;
    padding: 4px 20px;

}

nav ul li a{ text-
    decoration: none;
    color: #fff;
```

```
font-size: 17px;
font-family: Arial, Helvetica, sans-serif;
font-weight:bold;
}

nav ul li a button{
background-color: rgb(221, 173, 16);
border: none;
color: white; text-align: center; text-decoration: none;
display: inline; font-size: 16px;
cursor: pointer;
width: 100px;
height: 40px;
border-radius: 30px;
font-size: 17px;
font-family: Arial, Helvetica, sans-serif;
font-weight:bold;
position: absolute;
left: 50%;
top: 30%;
}

text-box h3{
color: #fff;
font-family:'Lucida Sans', 'Lucida Sans Regular', 'Lucida Grande', 'Lucida Sans Unicode',
Geneva, Verdana, sans-serif,
font-size: 17pt;
word-spacing: 10px;
position: absolute;
left: 8%;
top: 30%;
z-index: 3;
}

text-box h1{
color:#fff; word-spacing: 10px;
font-family:'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
font-size: 30pt;
position: absolute;
left: 8%;
top: 32%;
z-index: 3;
}

text-box pre{
```

```
color: aliceblue;
font-family: 'Lucida Sans', 'Lucida Sans Regular', 'Lucida Grande', 'Lucida Sans Unicode',
'Geneva', Verdana, sans-serif;
position: absolute;
left: 2%;
top: 41%;
z-index: 3;
}

.text-box button{
background-color: rgb(221, 173, 16);
border: none;
color: white; text-
align: center; text-
decoration: none;
display: inline; font-
size: 16px;
cursor: pointer,
width: 160px;
height: 40px;
border-radius: 30px;
font-size: 17px;
font-family: Arial, Helvetica, sans-serif;
font-weight: bold;
position: absolute;
left: 8%;
top: 53%;
z-index: 4;
}

.box-1{
background-color:rgb(243, 194, 32) ;
width: 200px;
height: 73px; z-
index: 6; position:
absolute;
}

box{
z-index: 5; background-
color: white; width:
200px;
height: 70px;
border-radius: 50px;
position: absolute;
top: 0;
left: 14%;
}
```

```
.box h1{  
    z-index: 5;  
    color: #c8a23e;  
    border-radius: 50px;  
    position: absolute;  
    left: 7%; font-  
    size: 26pt;  
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;  
    font-weight: bold;  
  
}  
.box h4 { z-  
    index: 5;  
    color: black;  
    border-radius: 50px;  
    position: absolute;  
    top: 25%;  
    left: 20%;  
    font-size: 1;  
    font-family: Arial, Helvetica, sans-serif;  
    font-weight: 300px;  
}  
h1{  
    text-align: center;  
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;  
}  
.img-1{  
    width: 300px;  
    height: 300px;  
    border-radius: 50px;  
    margin-right: 50px;  
  
}  
.img-2{  
    width: 300px;  
    height: 300px;  
    border-radius: 50px;  
    margin-right: 50px;  
  
}  
.img-3{  
    width: 300px;
```

```
height: 300px;
border-radius: 50px;
margin-right: 50px;
}
.img-4{
    width: 300px;
    height: 300px;
    border-radius: 50px;
}
.btn-1{
    background-color:rgb(243, 194, 32) ;
    width: 160px;
    height: 70px;
    border-radius: 20px;
    color:white; font-
    size: 17pt;
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
    font-weight: bold;
    cursor: pointer;
    border: none;
    position: absolute;
    top: 110%;
    left: 4%;
}
.btn-2{
    background-color:rgb(243, 194, 32) ;
    width: 160px;
    height: 70px;
    border-radius: 20px;
    color:white; font-
    size: 17pt;
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
    font-weight: bold;
    cursor: pointer;
    border: none;
    position: absolute;
    top: 110%;
    left: 30%;
}
.btn-3{
    background-color:rgb(243, 194, 32) ;
    width: 160px;
    height: 70px;
    border-radius: 20px;
```

```

color:white;
font-size: 17pt;
font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
font-weight: bold;
cursor: pointer;
border:none;
position: absolute;
top: 110%;
left: 54%;
}

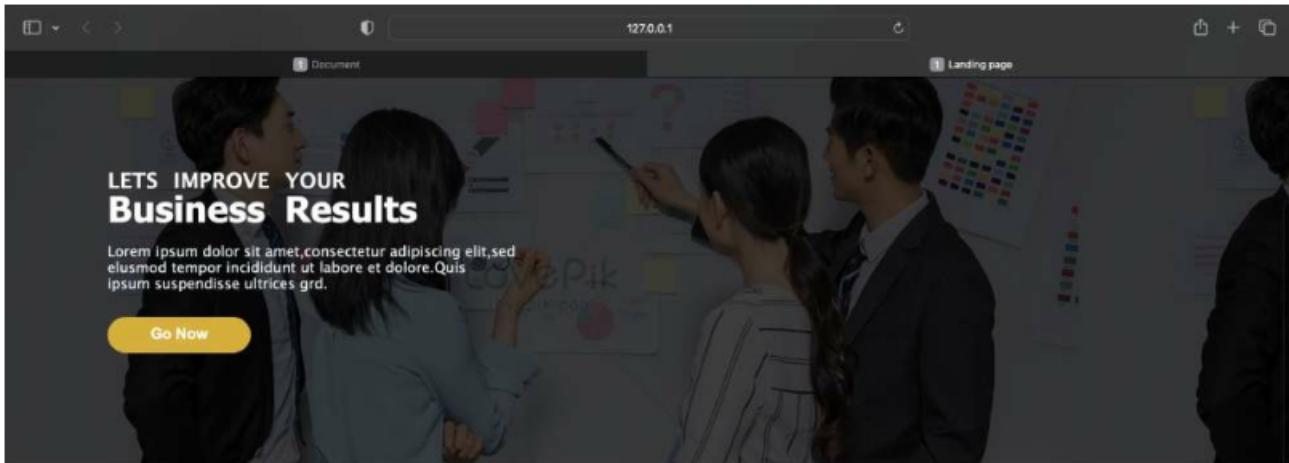
.btn-4{
background-color:rgb(243, 194, 32) ;
width: 160px;
height: 70px;
border-radius: 20px;
color:white; font-
size: 17pt;
font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
font-weight: bold;
cursor: pointer;
border:none;
position: absolute;
top: 110%;
left: 80%;
}

```



## Latest Projects





### Latest Projects



CLICK HERE TO SEE MY CODES : <https://github.com/mouni3417/assigment-3.git>



# ASSIGNMENT 3.1

create a university website containing 6html pages(student,department,contact,home,placement,alumni) using CSS

The screenshot shows a code editor interface with a dark theme. The top navigation bar includes tabs for 'department.html', 'contact.html', 'home.html', 'alumni.html', and 'placement.html'. Below the tabs, the file path 'Lab > assignment-4 > home.html > head > style' is displayed. The main content is a CSS file with the following code:

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <link rel="stylesheet" href="styles.css">
7   <title>University Home</title>
8   <style>
9     body, h1, h2, h3, ul, p {
10       margin: 0;
11       padding: 0;
12     }
13
14   body {
15     font-family: Arial, sans-serif;
16     line-height: 1.6;
17   }
18
19   header {
20     background-color: #333;
21     color: white;
22     text-align: center;
23     padding: 1em 0;
24   }
25
26   nav ul {
27     list-style: none;
28   }
29
30   nav li {
31     display: inline;
32     margin-right: 20px;
33   }
34
35   nav a {
36     text-decoration: none;
37     color: white;
38   }
39
40   main {
```

The bottom of the editor shows the 'PROBLEMS' tab is selected, indicating no problems have been detected. The status bar at the bottom displays the file path 'html > head > style', line 'Ln 14, Col 2', spaces 'Spaces: 4', encoding 'UTF-8', line separator 'LF', file type 'HTML', port 'Port : 5500', and tools for 'Blackbox', 'Prettier', and 'Format'.

Lab > assignment-4 > home.html > html > head > style > body

```
48 main {
49   padding: 20px;
50 }
51 footer {
52   background-color: #333;
53   color: white;
54   text-align: center;
55   padding: 1em 0;
56   position: absolute;
57   bottom: 0;
58   width: 100%;
59 }
60 .img1{
61   width: 800px;
62   height: 600px;
63 }
64 .img2{
65   width: 100px;
66   height: 100px;
67   border-radius: 50%;
68   margin-left: 200px;
69   margin-top: 50px;
70 }
71 .container1{
72   width: 550px;
73   height: 550px;
74   background-color: #333;
75   position: absolute;
76   top: 20%;
77   left: 50.5%;
78 }
79 .container1:hover{
80   transform: scale(1.1);
81 }
82 h2{
83   margin-left: 30px;
84   color: white;
85 }
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

No problems have been detected in the workspace.

html : head > style Ln 14, Col 2 Spaces: 4 UTF-8 LF ↴ HTML ⚡ Port: 5500 Blackbox ✘ Prettier

Lab > assignment-4 > home.html > html > head > style > body

```
79 h3{
80   font-size: 30pt;
81   color: white;
82   margin-left: 35px;
83   margin-top: 40px;
84 }
85 h3:hover{
86   color: purple;
87   transform: scale(1.1);
88 }
89
90 </style>
91 </head>
92 <body>
93   <header>
94     <h1>Welcome to Vit Ap University</h1>
95     <nav>
96       <ul>
97         <li><a href="#">Home</a></li>
98         <li><a href="student.html">Student</a></li>
99         <li><a href="department.html">Department</a></li>
100        <li><a href="contact.html">Contact</a></li>
101        <li><a href="placement.html">Placement</a></li>
102        <li><a href="alumni.html">Alumni</a></li>
103      </ul>
104    </nav>
105  </header>
106  <main>
107    <div class="img1" src="https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcR7_zDLap4U6Pv5gdci0F0IBX7UX8Vi3e2CAQ6usqg=CAU" alt="">
108    <div class="container1">
109      
110      <h2><br><br> VIT-AP offers distinctive education through <br>its undergraduate, postgraduate and PhD programmes. </h2>
111      <h3>Apply For The University</h3>
112    </div>
113  </main>
114  <div>
115    
116    <p>VIT-AP University<br>Vellore Institute of Technology<br>Autonomous University<br>Vellore - 600022, Tamil Nadu, India<br>Phone: +91 416 222 2222<br>Email: info@vitap.ac.in<br>Website: http://vitap.ac.in</p>
117  </div>
118
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

No problems have been detected in the workspace.

html : head > style Ln 14, Col 2 Spaces: 4 UTF-8 LF ↴ HTML ⚡ Port: 5500 Blackbox ✘ Prettier

A screenshot of a code editor window showing the HTML code for a university website. The code includes a header with navigation links for Home, Student, Department, Contact, Placement, and Alumni. It features two images: one of the university's buildings and another of its logo. A copyright notice for 2023 is present at the bottom. The code is well-structured with proper indentation and comments.

```
91     </head>
92   <body>
93     <header>
94       <h1>Welcome to Vit Ap University</h1>
95       <nav>
96         <ul>
97           <li><a href="#">Home</a></li>
98           <li><a href="student.html">Student</a></li>
99           <li><a href="department.html">Department</a></li>
100          <li><a href="contact.html">Contact</a></li>
101          <li><a href="placement.html">Placement</a></li>
102          <li><a href="alumni.html">Alumni</a></li>
103        </ul>
104      </nav>
105    </header>
106    <h1><br/><br/> VIT-AP offers distinctive education through <br/>its undergraduate, postgraduate and PhD programmes. </h1>
107    <h3>Apply For The University</h3>
108
109    
110    
111
112    <p>&copy; 2023 University. All rights reserved.</p>
113
114  </div>/.container
115
116  </main>
117  <footer>
118    <p>&copy; 2023 University. All rights reserved.</p>
119  </footer>
120
121</body>
122</html>
```

## Home Page

A screenshot of a web browser showing the university's homepage. The title bar reads "University Home". The main content features a large image of the university's modern buildings and a smaller image of the university's logo. Text on the right side encourages applying for the university and mentions its educational programs. The footer contains a copyright notice for 2023.

Welcome to Vit Ap University

Home Student Department Contact Placement Alumni

VIT AP

VIT-AP offers distinctive education through its undergraduate, postgraduate and PhD programmes.

Apply For The University

© 2023 University. All rights reserved.

## Student page



Department page



## Contact us

The screenshot shows a web browser window with the URL `127.0.0.1:5500/Lab/assignment-4/contact.html`. The title bar says "Welcome to Vit Ap University". Below the title, there is a section titled "Contact Us" with a dark background. Inside this section, the email address `@vitapstudent.ac.index` and phone number `9887656389` are listed. At the bottom of the page, a dark footer bar contains the text "© 2023 University. All rights reserved."

## Placement page

The screenshot shows a web browser window with the URL `127.0.0.1:5500/Lab/assignment-4/placement.html`. The title bar says "placement page". The main content features a photograph of four young adults (two men and two women) standing outdoors. Overlaid on the image is a large orange rectangular banner with the text "Placement Tracker" in white.

## Alumi page

The screenshot shows a web browser window with the URL [127.0.0.1:6500/Lab/assignment-4/alumni.html](http://127.0.0.1:6500/Lab/assignment-4/alumni.html). The page features a banner for the Career Development Centre at VIT. The banner includes the VIT logo, the text "No Pandemic could stop placements at VI", "2022 Graduating Batch", and a large number of total offers. A young woman wearing glasses and a striped shirt is on the left side of the banner.

**Career Development Centre**

**VIT**  
Vellore Institute of Technology  
(Deemed to be University under section 3 of UGC Act, 1956)

**No Pandemic could stop placements at VI'**

**2022 Graduating Batch**

**11357 Total Offers\***

Offer Type	Count	Company
Placements	11357	Total Offers*
Placements	37	Microsoft
Placements	96	amazon
Placements	180	intel
Placements	2738	Super Drea
Avg. L.P.A	75	Hinhtact CTC



# LAB ASSIGNMENT – 4

1. Create a dynamic web page named student\_profile add it into the website. It should ask the registration number and upon giving the registration number it should display the student details.

USE HTML FOR CREATING A FORM

USE CSS TO DESIGN THE LAYOUT OF THE FORM

USE JAVASCRIPT TO VALIDATE THE FORM

CODE :

```
<!DOCTYPE html>
<html>
<head>
    <title>          </title>
    <style>
        body {
            display: flex; justify-
            content: center; font-
            size: 25px; text-align:
            center; color: rgb(90, 11,
            11);
        }

        h1 {
            font-size: 50px;
        }
        .form{
            border: 2px solid rgb(90, 11, 11);
            border-radius: 15px;
            height:30vh;
            width:35vw;
            padding-top: 40px;
        }
        #loginDetails{
            padding-top: 20px;
            box-shadow: 10px 10px 30px rgba(0,0,0,0.5);
            height: 200px;
        }
    </style>
</head>
<body>
    <h1>STUDENT PROFILE</h1>
    <div class="form">
        <input type="text" id="regNo" placeholder="Enter Registration Number" />
        <button type="button" id="submitBtn">Submit</button>
    </div>
    <div id="loginDetails">
        <p>Registration Number:</p>
        <p>1234567890</p>
        <p>Name:</p>
        <p>John Doe</p>
        <p>Email:</p>
        <p>johndoe@example.com</p>
        <p>Phone:</p>
        <p>1234567890</p>
    </div>
</body>

```

```

        width: 500px;
    }
    input[type="text"]
    { width: 23vw;
        height: 3vh;
        border-radius: 10px;
        border: 2px solid rgb(90, 11, 11);
        padding:10px;
        color: rgb(90, 11, 11);
        font-size: 15px;
    }
    button{
        background-color: rgb(90, 11, 11) ;
        border: none;
        height: 5vh;
        width:7vw;
        color: white;
        border-radius: 20px;
    }
}

#profile {
    display: none;
    margin-top: 20px;
}

#studentDetails {
    border: 1px solid #ccc;
    padding: 10px; border-
    radius: 3px;
}
</style>
</head>
<body>
    <div class="form">
        <h1>Student Profile</h1>
        <form id="loginDetails">
            <label for="reg">Registration Number:</label> <br><br>
            <input type="text" id="reg" required> <br><br>
            <button type="submit">Submit</button>
        </form>

        <div id="profile">
            <div id="studentDetails"></div>
        </div>
    </div>
<script>
```

```

const form = document.getElementById('loginDetails');
const profileDiv = document.getElementById('profile');
const studentDetailsDiv = document.getElementById('studentDetails');

form.addEventListener('submit', function(event) {
    event.preventDefault();

    const reg = document.getElementById('reg').value;

    if (reg === '21MIC7156') {
        const studentDetails = {
            Name: 'BHUPANI MOUNIKA',
            RegistrationNumber: '21MIC7156',
            Department: 'SCOPE',
            Year: 'third year'
        };

        let detailsHTML = '<ul>';
        for (const key in studentDetails) {
            detailsHTML += `<ol><strong>${key}</strong>
${studentDetails[key]}</ol>`;
        }
        detailsHTML += '</ul>';

        studentDetailsDiv.innerHTML = detailsHTML;
        profileDiv.style.display = 'block';
        form.style.display = 'none';
    } else {
        alert('Invalid login credentials. Please try again.');
    }
});
</script>
</body>
</html>

```

OUTPUT:



## Student Profile

Registration Number:

21MIC7156

Submit



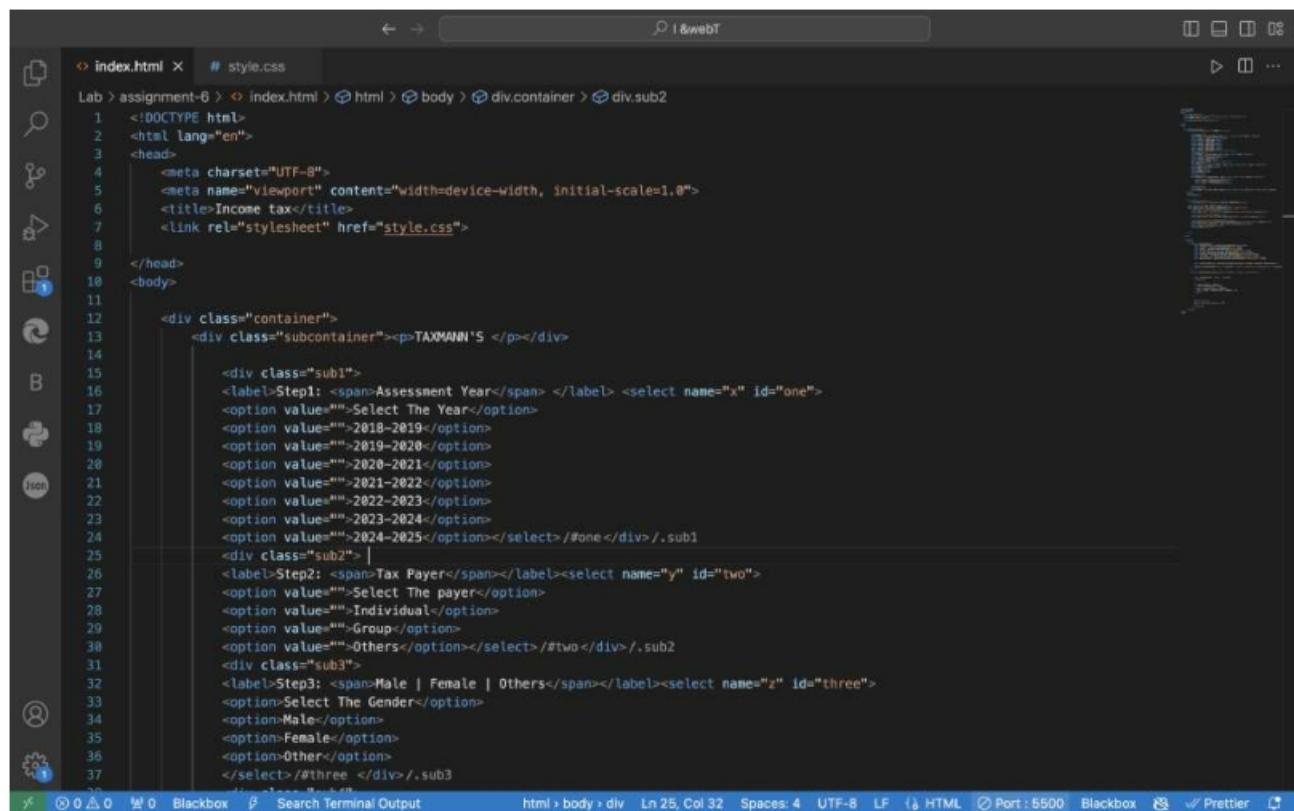
## Student Profile

Name: BHUPANI MOUNIKA  
RegistrationNumber: 21MIC7156  
Department: SCOPE  
Year: third year



# ASSIGNMENT-5

Design an Income Tax Calculator with using Java script and CSS.



The screenshot shows a code editor interface with the file `index.html` open. The code is an HTML form for an Income Tax Calculator. It includes a header with meta tags for charset and viewport, a title, and a link to a CSS file. The main content consists of a container with a subcontainer containing a p-element with the text "TAXMANN'S". Below this is a nested structure of three divs: `sub1`, `sub2`, and `sub3`. Each div contains a label and a select element. The `sub1` div has labels for "Step1" and "Assessment Year", and a select element with options from "Select The Year" to "2024-2025". The `sub2` div has labels for "Step2" and "Tax Payer", and a select element with options from "Select The payer" to "Others". The `sub3` div has labels for "Step3" and "Gender", and a select element with options for "Male", "Female", and "Other". The code uses class-based styling and includes comments explaining the structure.

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Income tax</title>
    <link rel="stylesheet" href="style.css">
  </head>
  <body>
    <div class="container">
      <div class="subcontainer"><p>TAXMANN'S </p></div>
      <div class="sub1">
        <label>Step1: <span>Assessment Year</span></label> <select name="x" id="one">
          <option value="">Select The Year</option>
          <option value="">2018-2019</option>
          <option value="">2019-2020</option>
          <option value="">2020-2021</option>
          <option value="">2021-2022</option>
          <option value="">2022-2023</option>
          <option value="">2023-2024</option>
          <option value="">2024-2025</option>
        </select> /#one</div> .sub1
      <div class="sub2"> | 
        <label>Step2: <span>Tax Payer</span></label><select name="y" id="two">
          <option value="">Select The payer</option>
          <option value="">Individual</option>
          <option value="">Group</option>
          <option value="">Others</option>
        </select> /#two</div> .sub2
      <div class="sub3">
        <label>Step3: <span>Male | Female | Others</span></label><select name="z" id="three">
          <option>Select The Gender</option>
          <option>Male</option>
          <option>Female</option>
          <option>Other</option>
        </select> /#three </div> .sub3
      </div>
    </div>
  </body>
</html>
```

```
<div class="sub2">
    <div class="sub3">
        <div class="sub4">
            <label>Step4: <span>Residential status</span></label><select name="x1" id="four">
                <option value="">Select the status</option>
                <option value="Residential">Residential</option>
                <option value="non-Residential">non-Residential</option>
            </select>
        </div>
        <div class="sub5">
            <label>Step5: <span>Net Taxable Income</span></label><input type="number" id="income1" required>
        </div>
    </div>
<section>
    <form action="">

        <div class="taxcontainer">
            <div class="tax1"><p class="para">YOUR TAX COMPUTATION</p></div>

            <label for="income">Net Taxable Income:</label>
            <input type="number" id="income" placeholder="Enter income"><br><br>
                <label for="relief87A">Income Tax </label>
                <input type="number" id="relief87A" placeholder="Enter relief amount" required><br><br>

            <label for="surcharge">Surcharge:</label>
            <input type="number" id="surcharge" placeholder="Enter surcharge" required><br><br>

            <label for="educationCess">Education Cess:</label>
            <input type="number" id="educationCess" placeholder="Enter education cess" required><br><br>
            <button onclick="calculateTax()" type="submit">Calculate Tax</button>
            <button class="reset">Reset</button>
        <div id="result"></div>
    </div>
</div>

```

```
<script>
    function calculateTax() {
        const assessmentYear = document.getElementById("one").value;
        const taxPayer = document.getElementById("two").value;
        const gender = document.getElementById("three").value;
        const residentialStatus = document.getElementById("four").value;
        const income = parseFloat(document.getElementById("income").value);
        const relief87A = parseFloat(document.getElementById("relief87A").value);
        const surcharge = parseFloat(document.getElementById("surcharge").value);
        const educationCess = parseFloat(document.getElementById("educationCess").value);

        const totalTaxLiability = calculateTaxLiability(income, relief87A, surcharge, educationCess);

        document.getElementById("result").innerHTML = `Total Tax Liability for Assessment Year ${assessmentYear}: $${totalTaxLiability}`;
    }

    function calculateTaxLiability(income, relief87A, surcharge, educationCess) {
        const taxableIncome = income - relief87A;
        let tax = 0;

        if (taxableIncome <= 500000) {
            tax = taxableIncome * 0.05;
        } else if (taxableIncome <= 1000000) {
            tax = 25000 + (taxableIncome - 500000) * 0.2;
        } else {
            ...
        }
    }

```

A screenshot of a dark-themed code editor interface. On the left is a sidebar with various icons for file operations like copy, paste, search, and refresh. The main area shows two tabs: 'index.html' and '# style.css'. The 'index.html' tab contains the following code:

```
95 const taxableIncome = income - relief7A;
96 let tax = 0;
97
98 if (taxableIncome <= 500000) {
99     tax = taxableIncome * 0.05;
100 } else if (taxableIncome <= 1000000) {
101     tax = 25000 + (taxableIncome - 500000) * 0.2;
102 } else {
103 }
104
105
106
107 tax += surcharge;
108 tax += (tax * educationCess / 100);
109
110 return tax;
111 }
112 </script>
113 </body>
114 </html>
```

The '# style.css' tab contains the following CSS code:

```
1 *{
2     margin: 0;
3     padding: 0;
4 }
5 .container{
6     position: absolute ;
7     top: 10%;
8     left: 30%;
9     background-color: #rgb(52, 53, 53);
10    width: 600px;
11    height: 310px;
12    border-radius: 20px 20px 10px 10px;
13
14 }
15 .subcontainer{
16     background-color: #rgb(176, 18, 18);
17     border-radius: 20px 20px 0px 0px;
18     width: 600px;
19     height: 50px;
20     text-align: center;
21     letter-spacing: 10px;
22     color: #white;
23
24 }
25 .sub1{
26     background-color: #rgb(52, 52, 52);
27     width: 600px;
28     height: 50px;
29
30
31     box-shadow: 0 4px 8px 0 #rgba(0, 0, 0, 0.2), 0 6px 20px 0 #rgba(65, 62, 62, 0.19);
32 }
33 .sub2{
34     background-color: #rgb(52, 52, 52);
35     width: 600px;
36     height: 50px;
37 }
```

At the bottom of the editor, there are tabs for 'Search Terminal Output', status bars showing 'html > body > div' at 'Ln 25, Col 32', and other details like 'Spaces: 4', 'UTF-8', 'LF', 'Port: 5500', and 'Blackbox'.

A screenshot of a dark-themed code editor interface, similar to the one above. The main area shows two tabs: 'index.html' and '# style.css'. The '# style.css' tab contains the following CSS code:

```
1 *{
2     margin: 0;
3     padding: 0;
4 }
5 .container{
6     position: absolute ;
7     top: 10%;
8     left: 30%;
9     background-color: #rgb(52, 53, 53);
10    width: 600px;
11    height: 310px;
12    border-radius: 20px 20px 10px 10px;
13
14 }
15 .subcontainer{
16     background-color: #rgb(176, 18, 18);
17     border-radius: 20px 20px 0px 0px;
18     width: 600px;
19     height: 50px;
20     text-align: center;
21     letter-spacing: 10px;
22     color: #white;
23
24 }
25 .sub1{
26     background-color: #rgb(52, 52, 52);
27     width: 600px;
28     height: 50px;
29
30
31     box-shadow: 0 4px 8px 0 #rgba(0, 0, 0, 0.2), 0 6px 20px 0 #rgba(65, 62, 62, 0.19);
32 }
33 .sub2{
34     background-color: #rgb(52, 52, 52);
35     width: 600px;
36     height: 50px;
37 }
```

At the bottom of the editor, there are tabs for 'Search Terminal Output', status bars showing 'html > body > div' at 'Ln 21, Col 24', and other details like 'Spaces: 4', 'UTF-8', 'LF', 'Port: 5500', and 'Blackbox'.

A screenshot of a code editor window titled "index.html" and "# style.css". The editor shows a CSS file with the following content:

```
37     box-shadow: 0 4px 8px 0 □rgba(0, 0, 0.2), 0 6px 20px 0 □rgba(65, 62, 62, 0.19);
38 }
39 .sub3{
40     background-color: □rgb(52, 52, 52);
41     width: 600px;
42     height: 50px;
43
44     box-shadow: 0 4px 8px 0 □rgba(0, 0, 0.2), 0 6px 20px 0 □rgba(65, 62, 62, 0.19);
45 }
46 .sub4{
47     background-color: □rgb(52, 52, 52);
48     width: 600px;
49     height: 50px;
50
51     box-shadow: 0 4px 8px 0 □rgba(0, 0, 0.2), 0 6px 20px 0 □rgba(65, 62, 62, 0.19);
52 }
53 .sub5{
54     background-color: □rgb(52, 52, 52);
55     width: 600px;
56     height: 50px;
57     border-radius: 20px 20px 0px 0px;
58     box-shadow: 0 4px 8px 0 □rgba(0, 0, 0.2), 0 6px 20px 0 □rgba(65, 62, 62, 0.19);
59 }
60 label{
61     position: relative;
62     top: 20%;
63     padding: 30px;
64
65     color: □white;
66 }
67 span{
68
69     color: □white;
70     margin-left: 5%;
71 }
72 select{
```

The status bar at the bottom shows: Line 21, Col 24, Spaces: 4, UTF-8, LF, (□) CSS, (□) Port: 5500, Blackbox, (□) Prettier.

A screenshot of a code editor window titled "index.html" and "# style.css". The editor shows a CSS file with the following content:

```
74     position: relative;
75     top: 20%;
76     left: 10;
77     width: 150px;
78     height: 30px;
79     margin-left: 0;
80     display: inline-block;
81 }
82 #one{
83     position: relative;
84     left: 20%;
85 }
86 #two{
87     position: relative;
88     left: 28%;
89 }
90 #three{
91     position: relative;
92     left: 14.5%;
93 }
94 #four{
95     position: relative;
96     left: 18%;
97 }
98 input{
99     position: relative;
100    left: 17%;
101    top: 20%;
102    width: 150px;
103    height: 25px;
104 }
105 p{
106     position: relative;
107     top: 20%;
108     font-size: 19pt;
109     font-family: 'Times New Roman', Times, serif;
110 }
```

The status bar at the bottom shows: Line 21, Col 24, Spaces: 4, UTF-8, LF, (□) CSS, (□) Port: 5500, Blackbox, (□) Prettier.

A screenshot of a code editor window titled "Lab > assignment-6 > # style.css". The editor shows a block of CSS code. The code includes styles for a ".taxcontainer" class, a ".tax1" class, a ".param" class, and several other classes like "#relief87A", "#surcharge", "#educationCess", and "#result". The ".tax1" class has a background color of #rgb(238, 32, 32) and a border-radius of 20px. The "#relief87A" class has a margin-left of 125px. The "#surcharge" class has a margin-left of 129px. The "#educationCess" class has a margin-left of 95px. The "#result" class has a color of white. The code editor interface includes a sidebar with icons for file operations, a search bar, and a status bar at the bottom.

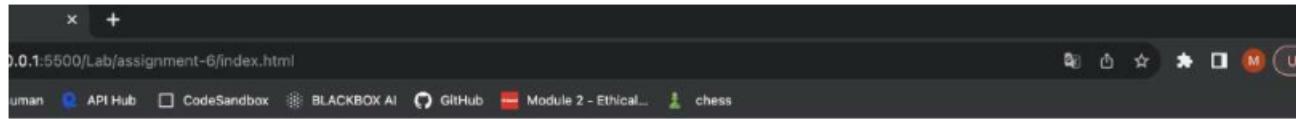
```
Lab > assignment-6 > # style.css < index.html
109     font-family: 'Times New Roman', times, serif;
110 }
111 .taxcontainer{
112     position: absolute;
113     top: 100%;
114     left: 0%;
115     border-radius: 20px 20px 0px 0px;
116     background-color: #rgb(90, 91, 95);
117     width: 600px;
118     height: auto;
119 }
120 }
121 .tax1{
122     background-color: #rgb(238, 32, 32);
123     border-radius: 20px 20px 0px 0px;
124     width: 600px;
125     height: 30px;
126     text-align: center;
127     letter-spacing: 10px;
128     color: #white;
129 }
130 }
131 .param{
132     font-size: 13pt;
133 }
134 img{
135     width: 30px;
136 }
137 #relief87A{
138     margin-left: 125px;
139 }
140 }
141 #surcharge{
142     margin-left: 129px;
143 }
144 #educationCess{
145     margin-left: 95px;
146 }
```

Ln 123, Col 38 Spaces: 4 UTF-8 LF ⚙ CSS ⚙ Port : 5500 Blackbox ✅ Prettier

A screenshot of a code editor window titled "Lab > assignment-6 > # style.css". The editor shows a modified version of the CSS code from the previous screenshot. The changes include moving the margin-left: 125px rule from the "#relief87A" class to the ".tax1" class, and moving the margin-left: 129px rule from the "#surcharge" class to the "#result" class. The "#educationCess" class now has a margin-left of 95px. The "#result" class now has a color of white. The code editor interface is identical to the first screenshot.

```
Lab > assignment-6 > # style.css < index.html
136 }
137 #relief87A{
138     margin-left: 125px;
139 }
140 }
141 #surcharge{
142     margin-left: 129px;
143 }
144 #educationCess{
145     margin-left: 95px;
146 }
147 button{
148     margin-left: 100px;
149     width: 150px;
150     height: 30px;
151     color: #white;
152     background-color: #rgb(221, 14, 14);
153     border: none;
154     border-radius: 10px;
155 }
156 #result{
157     color: #white;
158     margin-top: 20px;
159     margin-left: 100px;
160 }
161 #income{
162     margin-top: 20px;
163     margin-left: 69px;
164 }
165 }
```

Ln 123, Col 38 Spaces: 4 UTF-8 LF ⚙ CSS ⚙ Port : 5500 Blackbox ✅ Prettier



## TAXMANN'S

Step1: Assessment Year

Step2: Tax Payer

Step3: Male | Female | Others

Step4: Residential status

Step5: Net Taxable Income

## YOUR TAX COMPUTATION

Net Taxable Income:

Income Tax

Surcharge:

Education Cess:

## TAXMANN'S

Step1: Assessment Year

Step2: Tax Payer

Step3: Male | Female | Others

Step4: Residential status

Step5: Net Taxable Income

## YOUR TAX COMPUTATION

Net Taxable Income:

Income Tax

Surcharge:

Education Cess:

Total Tax Liability for Assessment Year : \$158331.51

# ASSIGNMENT-6

## HOME PAGE:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>University page</title>
  <style>
    * {
      margin: 0;
      padding: 0;
    }
    .navbar{
      background-color: rgb(71, 15, 15);
      width: auto;
      height: 60px;
    }
    .list{
      position: relative;
      top: 10px;
      padding: 30px;
      color: white;
      display: inline;
      font-family: 'Times New Roman', Times, serif;
      font-size: 13pt;
    }
    .btn1{
      position: relative;
      top: 10px;
      left: 350px;
      width: 100px;
    }
  </style>
</head>
<body>
  <div class="list">
    <ul>
      <li>Home</li>
      <li>About Us</li>
      <li>Contact Us</li>
    </ul>
  </div>
  <div class="btn1">
    <a href="#">Get Started</a>
  </div>
</body>
</html>
```

```
height: 35px;
margin-left: 40px;
border-radius: 10px;
border: none;
font-family: 'Times New Roman', Times, serif;
font-weight: bold;
font-size: 13pt;
color: rgb(71, 15, 15);

}

.bg{
width: 1440px;
height: 300px;
}

.img1{
width: 1440px;
height: 650px;
filter: brightness(0.55);
}

h1{
position: absolute;
top: 30%;
left: 20%;
color: white;
font-size: 60pt;
}

p{
position: absolute;
top: 45%;
left: 15%;
color: white;
font-size: 16pt;
}

}

.img2{
margin-top: 340px;
padding: 20px;
width: 50px;
height: 50px;
```

```

position: relative;
left: 500px;
}
footer{
background-color: #711515;

}
</style>
</head>
<body>
<div class="navbar">
<ul>
<li class="list">Home</li>
<li class="list">Contact</li>
<li class="list">About</li>
<li class="list">Courses</li>
<li class="list">Explore</li>
<li class="list">Events</li>
<button class="btn1" onclick="myfun()">Login</button>
<button class="btn1">SignUp</button>
</ul>
</div>
<div class="bg">

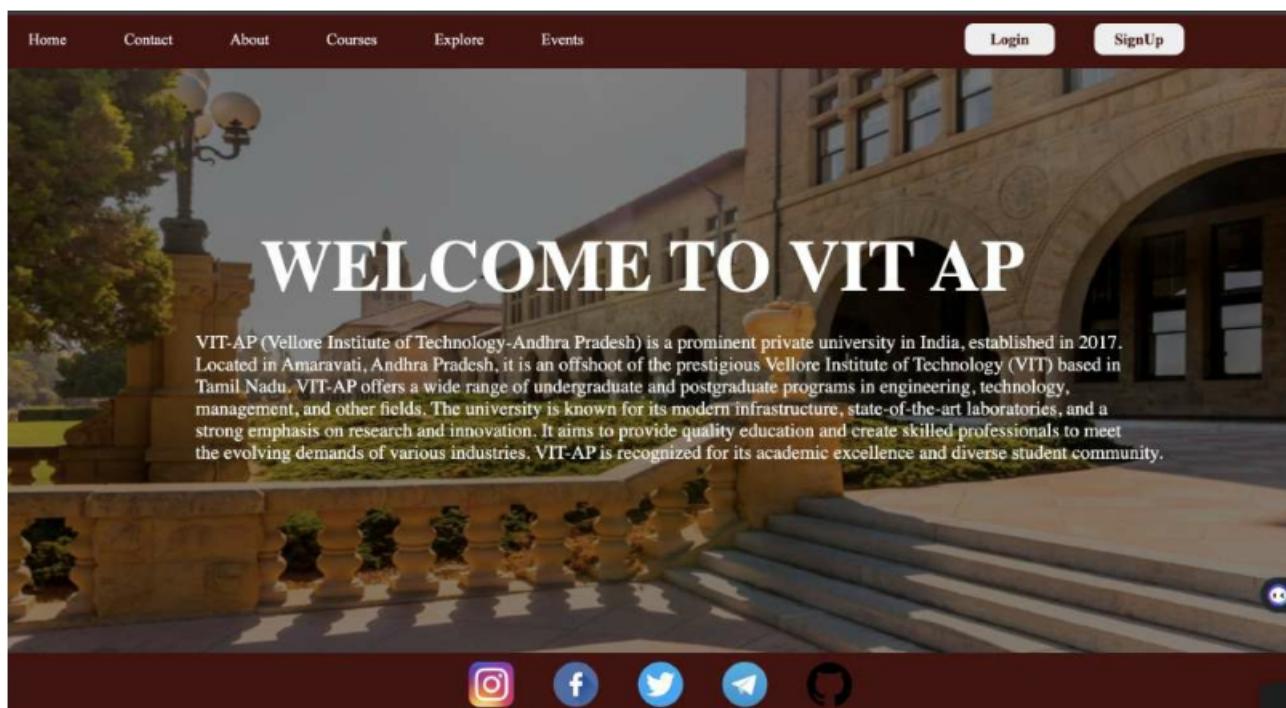
</div>
<h1>WELCOME TO VIT AP</h1>
<p>VIT-AP (Vellore Institute of Technology-Andhra Pradesh) is a prominent
private university in India, established in 2017. <br> Located in Amaravati, Andhra
Pradesh, it is an offshoot of the prestigious Vellore Institute of Technology (VIT)
based in <br>
Tamil Nadu. VIT-AP offers a wide range of undergraduate and postgraduate
programs in engineering, technology, <br>
management, and other fields. The university is known for its modern
infrastructure, state-of-the-art laboratories, and a <br>

```

strong emphasis on research and innovation. It aims to provide quality education and create skilled professionals to meet <br>

the evolving demands of various industries. VIT-AP is recognized for its academic excellence and diverse student community.</p>

```
<footer>
  <a href="#insta" class="links"></a>
  <a href="#facebook" class="links"></a>
  <a href="#twitter" class="links"></a>
  <a href="#telegram" class="links"></a>
  <a href="#github" class="links"></a>
</footer>
<script>
  function myfun(){
    window.location.assign("assign6login.html");
  }
</script>
</body>
</html>
```



## LOGIN PAGE:

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title> STUDENT LOGIN</title>
<style>
body{
    background-color: rgb(71, 15, 15);
    background-size: cover;
}
.container{ position: relative; top: 250px; left: 40%; }
input{
    width: 200px;
    height: 30px;
    border: none;
    border-radius: 10px;
}
label{
    color: white;
    font-size: 17pt;
}
button{
    width: 200px;
    height: 50px;
    background-color: rgb(175, 223, 31);
    border: none;
    color: white;
    font-size: 16pt;
    font-weight: bold;
    font-family: 'Times New Roman', Times, serif;
    position: relative;
    left: 50px; border-radius: 10px;
    box-shadow: 0 0 50px #9ac9d9;
}
```

```

        }
    h1{
        color: white;
    }

</style>
</head>
<body>
<div class="container">
<h1>STUDENT LOGIN</h1>
<form id="login-form">
<div class="form-group">
<label for="username"><b>username:</b></label>
<input type="text" id="username" name="username" required>
</div><br>
<div class="form-group">
<label for="password" class="password"><b>Password:</b></label>
<input type="password" id="password" name="password" required>
</div><br>
<button type="submit">Login</button>
</form>
<div id="error-message" class="error-message" style="color: white; margin-top:20px"></div>
</div>
<script>
document.addEventListener("DOMContentLoaded", function () {
    const loginForm = document.getElementById("login-form");
    const errorMessage = document.getElementById("error-message");

    const users = [
        { username: '21MIC7150', password: '1234', name: 'mounika' },
        { username: '21MIC7156', password: '4321', name: 'mohana' },
    ];

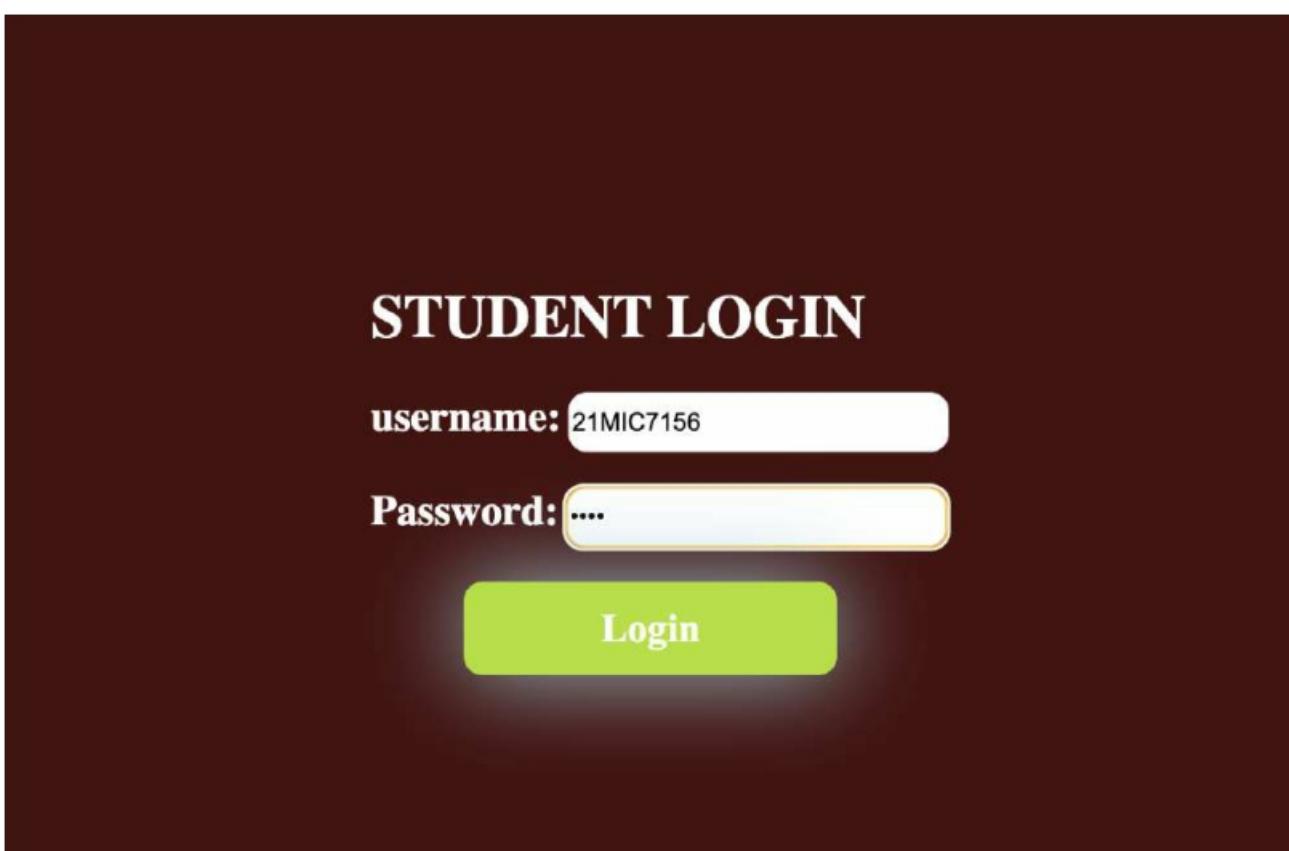
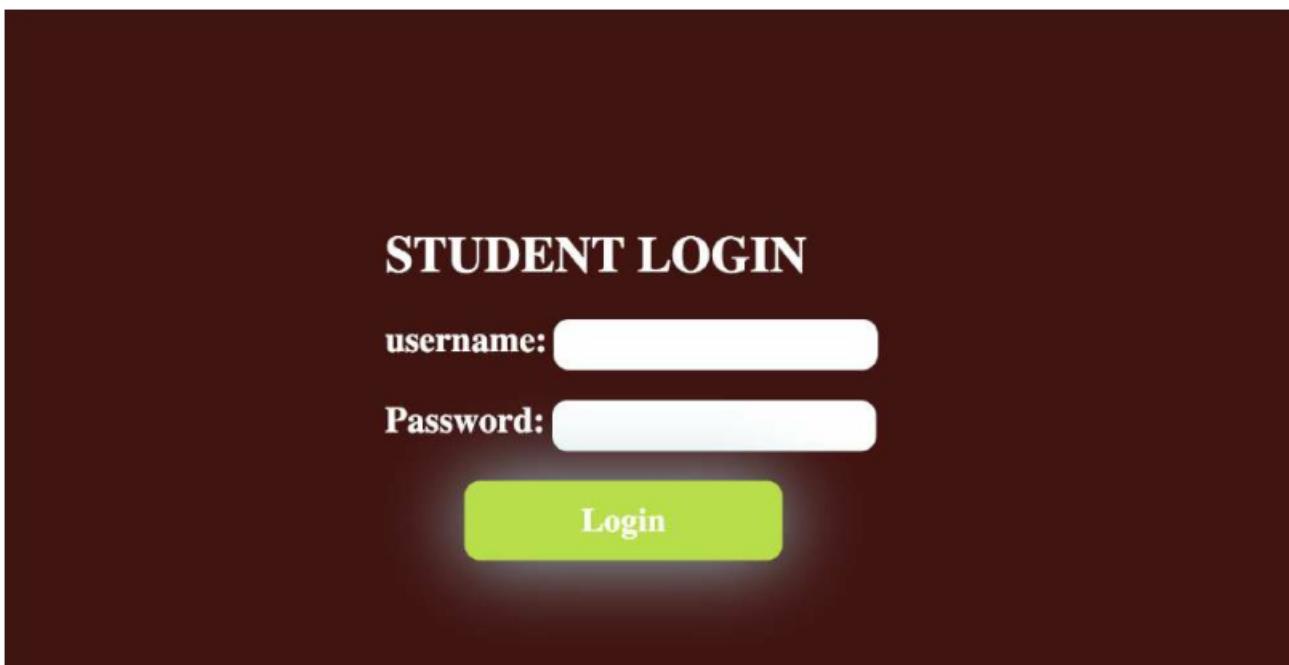
    loginForm.addEventListener("submit", function (e) {
        e.preventDefault();
        errorMessage.textContent = "";

        const username = document.getElementById("username").value;
        const password = document.getElementById("password").value;

        const user = users.find(user => user.username === username && user.password === password);
    });
});

```

```
if(user) {  
    window.location.href = `nextpage.html?name=${user.name}`  
} else {  
    errorMessage.textContent = "Invalid registration number or password."  
}  
});  
});  
</script>  
</body>  
</html>
```



# STUDENT LOGIN

**username:** 21MIC7156

**Password:** ....

**Login**

Invalid registration number or password.

## MARK LIST PAGE:

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<link rel="stylesheet" href="style.css">
```

```
<title>Welcome Page</title>
<style>
  body {
    background-color: darkred;
  }

  #login-form {
    padding-top: 200px;
  }

  h1 {
    position: relative;
    text-align: center;
    color: rgb(251, 252, 252);
    width: fit-content;
    padding: 10px;
    margin: 0 auto 20px auto;
  }

  .container {
    display: grid;
    place-items: center;
    position: relative;
    top: 200px;
  }

}

.form-group {
  margin-left: 60px;
}

button {
  background-color: #007bff;
  color: #fff;
  width: 400px;
  height: 40px;
  box-shadow: 0 0 20px #9ac9d9;
}
```

```

        font-weight:bold;
        padding: 10px;

    }

button:hover { background-
color:#08619d; }

.error-message {
    color:red; font-
weight:bold; }

</style>
</head>
<body>
<div class="container">
<h1>Welcome To Vtop</h1>
<p style="color: white ; font-weight:bold;">Hello, <span id="user-name"></span>!</p>
<button id="cat1-button">CAT-1</button><br>
<button id="cat2-button">CAT-2</button><br>
<button id="fat-button">FAT</button><br>
<div id="marks-display" style="color: white;"></div>
</div>
<script>

    document.addEventListener("DOMContentLoaded", function () {
        const userNameSpan = document.getElementById("user-name");
        const cat1Button = document.getElementById("cat1-button");
        const cat2Button = document.getElementById("cat2-button");
        const fatButton = document.getElementById("fat-button");
        const marksDisplay = document.getElementById("marks-display");

        const users = [
            { username: '21MIC7150', password: '1234', name: 'mounika', marks: { cat1: { HCI: 80, CLOUD: 84, IWT: 72 }, cat2: { HCI: 70, CLOUD: 80, IWT: 90 }, fat: { HCI: 60, CLOUD: 70, IWT: 80 } } },
            { username: '21MIC7156', password: '4321', name: 'mohana', marks: { cat1: { HCI: 90, CLOUD: 82, IWT: 80 }, cat2: { HCI: 90, CLOUD: 80, IWT: 70 }, fat: { HCI: 80, CLOUD: 70, IWT: 80 } } },
        ]
    });

```

```
];

const urlParams = new URLSearchParams(window.location.search);
const name = urlParams.get("name");

const currentUser = users.find(user => user.name === name);

if(currentUser) {
    userNameSpan.textContent = currentUser.name;

    cat1Button.addEventListener("click", function () 
    { displayMarks("CAT-1 Marks",
    currentUser.marks.cat1); });

    cat2Button.addEventListener("click", function () 
    { displayMarks("CAT-2 Marks",
    currentUser.marks.cat2); });

    fatButton.addEventListener("click", function () 
    { displayMarks("FAT Marks",
    currentUser.marks.fat); });

} else {

    console.error("User not found");
}

function displayMarks(title, marks) {
    const marksHTML = `

<h2>${title}</h2>
<p>HUMAN COMPUTER INTERACTION: ${marks.HCI}</p>
<p>CLOUD COMPUTING: ${marks.CLOUD}</p>
<p>INTERNET AND WEB TECHNOLOGY: ${marks.IWT}</p>
`;

marksDisplay.innerHTML = marksHTML;
}

}); </script></body></html>
```

# Welcome To Vtop

Hello, mohana!

CAT-1

CAT-2

FAT

# Welcome To Vtop

Hello, mohana!

CAT-1

CAT-2

FAT

## CAT-1 Marks

HUMAN COMPUTER INTERACTION: 90

CLOUD COMPUTING: 82

INTERNET AND WEB TECHNOLOGY: 80

# Welcome To Vtop

Hello, mohana!

CAT-1

CAT-2

FAT

## CAT-2 Marks

HUMAN COMPUTER INTERATION: 90

CLOUD COMPUTING: 80

INTERNET AND WEB TECHNOLOGY: 70

# Welcome To Vtop

Hello, mohana!

CAT-1

CAT-2

FAT

## FAT Marks

HUMAN COMPUTER INTERATION: 80

CLOUD COMPUTING: 70

INTERNET AND WEB TECHNOLOGY: 80

# ASSIGNMENT-7

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>6x6 Sudoku Solver</title>
    <style>
        .sudoku-container {
            text-align: center;
        }

        #sudoku-grid {
            position: relative;
            top: 200px;
            left: 600px;
            border-collapse: collapse;
        }

        #sudoku-grid td {
            width: 40px;
            height: 40px;
            text-align: center;
            vertical-align: middle;
            font-size: 20px;
            border: 1px solid #000;
        }

        input[type="number"] {
            width: 100%;
            height: 100%;
            font-size: 20px;
            border: none;
        }
    </style>

```

```
text-align: center;
background: transparent;
outline: none;
}

button {
    position: relative;
    top: 250px;
    left: 20px;
    font-size: 18px;
    padding: 10px 20px;
    margin: 10px;
}

</style>
</head>
<body>
<div class="sudoku-container">
    <table id="sudoku-grid">

        </table>
        <button id="solve-button">Solve</button>
        <button id="reset-button">Reset</button>
    </div>
    <script>
        let grid = [
            [6, 2, 0, 5, 0, 3],
            [0, 0, 0, 0, 0, 0],
            [5, 0, 0, 0, 3, 0],
            [0, 6, 0, 0, 2, 0],
            [0, 0, 0, 3, 4, 6],
            [3, 0, 6, 0, 0, 0]
        ];
        const sudokuGrid = document.getElementById('sudoku-grid');
        const solveButton = document.getElementById('solve-button');
        const resetButton = document.getElementById('reset-button');

        function initializeGrid() {
            for (let i = 0; i < 6; i++) {
                const row = document.createElement('tr');
                for (let j = 0; j < 6; j++) {
```

```

        const cell = document.createElement('td');
        const input = document.createElement('input'),
        input.type = 'number';
        input.min = '1';
        input.max = '6';
        input.value = grid[i][j] === 0 ? '' : grid[i][j];
        cell.appendChild(input);
        row.appendChild(cell);
    }
    sudokuGrid.appendChild(row);
}
}

function solveSudoku() {
    let userGrid = [];
    for (let i = 0; i < 6; i++) {
        userGrid[i] = [];
        for (let j = 0; j < 6; j++) {
            const input = sudokuGrid.rows[i].cells[j].querySelector('input');
            userGrid[i][j] = parseInt(input.value) || 0;
        }
    }
}

let solvedCorrectly = true;
for (let i = 0; i < 6; i++) {
    for (let j = 0; j < 6; j++) {
        if (grid[i][j] !== userGrid[i][j]) {
            solvedCorrectly = false;
            break;
        }
    }
}
if (!solvedCorrectly) {
    break;
}

if (solvedCorrectly) {
    alert('Sudoku puzzle solved correctly!');
} else {
    alert('Sudoku puzzle solved incorrectly.');
}

```

```
}
```

```
solveButton.addEventListener('click', solveSudoku);
```

```
resetButton.addEventListener('click', () =>
```

```
{ sudokuGrid.innerHTML = ";
```

```
    initializeGrid();
```

```
});
```

```
initializeGrid();
```

```
</script>
```

```
</body>
```

```
</html>
```

Output:

6	2		5		3
5				3	
	6			2	
			3	4	6
3		6			

# ASSIGNMENT-8

Designing a web page results.php. In MySQL create two tables student\_info and marks. Connect these tables using reg no as primary key. Now connect the results page to the MySQL database. In results page give reg no semester no. and cat no. to get the marks displayed subject wise.

Results.html:

```
<!DOCTYPE html>
<html>
<head>
    <title> Student Results</title>
</head>
<body>
    <h1>Student Results</h1>
    <form method="POST" action="results.php">
        <label for="reg_no">Registration Number:</label>
        <input type="text" name="reg_no" required><br><br>
        <label for="semester">Semester Number:</label>
        <input type="text" name="semester" required><br><br>
        <label for="cat_no">Category Number:</label>
        <input type="text" name="cat_no" required><br><br>
        <input type="submit" value="Get Results">
    </form>
</body>
</html>
```

Results.php:

```
<?php
if ($_SERVER['REQUEST_METHOD'] === 'POST') {
    $reg_no = $_POST['reg_no'];
    $semester = $_POST['semester'];
    $cat_no = $_POST['cat_no'];
    $mysqli = new mysqli("localhost:3306", "root", "", "student_results");

    if ($mysqli->connect_error) {
        die("Connection failed: " . $mysqli->connect_error);
    }
    $query = "SELECT subject, marks FROM marks WHERE reg_no = ? AND semester = ?
AND cat_no = ?";
    $stmt = $mysqli->prepare($query);
    $stmt->bind_param("iii", $reg_no, $semester, $cat_no);
    $stmt->execute();
```

```

$result = $stmt->get_result();

echo "<h2>Student Marks</h2>";
echo "<table border='1' >";
echo "<tr><th>Subject</th><th>Marks</th></tr>";

while ($row = $result->fetch_assoc()) {
    echo "<tr><td>" . $row['subject'] . "</td><td>" . $row['marks'] .
    "</td></tr>";
}

echo "</table>";

$stmt->close();
$mysqli->close();
}
?>

```

Output:

The screenshot shows the phpMyAdmin interface with the following details:

- Left Panel (Schemas):** Shows available databases: New, Information\_schema, mysql, performance\_schema, phpmyadmin, student\_results, New, marks, and student\_info.
- Current Database:** student\_results
- Table:** student\_info
- Table Structure:**

	reg_no	name	semester	cat_no
<input type="checkbox"/>	7128	Arunu Mohan Krishna	2	1
<input type="checkbox"/>	7146	Krishna Teja	2	1
<input type="checkbox"/>	7162	Kelvin Kumar	2	1
<input type="checkbox"/>	7164	Gowri Srivani	2	1
<input type="checkbox"/>	7194	Doddina Sree	2	1
<input type="checkbox"/>	7209	Sanjana Swami	2	1
- Bottom Buttons:** Check all, With selected, Edit, Copy, Delete, Export

The screenshot shows the phpMyAdmin interface for the 'student\_results' database. The 'marks' table is selected, displaying 5 rows of data:

	reg_no	semester	cat_no	subject	marks
<input type="checkbox"/>	7128	2	1	maths	44
<input type="checkbox"/>	7146	2	1	maths	47
<input type="checkbox"/>	7962	2	1	maths	35
<input type="checkbox"/>	7864	2	1	maths	50
<input type="checkbox"/>	7194	2	1	maths	49

The screenshot shows a web browser window titled 'Student Results' with the URL 'localhost/results.html'. The page displays a form with three input fields: 'Registration Number' (7184), 'Semester Number' (2), and 'Category Number' (1). A 'Get Results' button is present below the form.

**Student Results**

Registration Number:

Semester Number:

Category Number:

A screenshot of a web browser window titled "Student Marks". The URL is "localhost/results.php". The page displays a table with one row:

Subject	Marks
maths	50

A screenshot of a web browser window titled "Student Results". The URL is "localhost/results.html". The page contains a form with four fields:

Registration Number:

Semester Number:

Category Number:

A screenshot of a web browser window titled "Student Marks". The browser has multiple tabs open, including "localhost/results.php" which is the active tab. The page displays a table with one row:

Subject	Marks
maths	49

# ASSIGNMENT-9

Design a Calculator using VBscript.

INPUT:

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <title>Basic Calculator using VBScript</title>
    <style>        input {
width: 50px;        padding: 5px;
margin: 5px;
    }
</style>
</head>
<body>
    <center>
        <h1>VB script Calculator</h1>
        <input style="width: 19.5%;" type="text" id="display" readonly>

        <table>
            <tr>
                <td><input type="button" value="1" onclick="addToDisplay('1')"></td>
                <td><input type="button" value="2" onclick="addToDisplay('2')"></td>
                <td><input type="button" value="3" onclick="addToDisplay('3')"></td>
                <td><input type="button" value="+" onclick="addToDisplay('+')"></td>
            </tr>
            <tr>
                <td><input type="button" value="4" onclick="addToDisplay('4')"></td>
                <td><input type="button" value="5" onclick="addToDisplay('5')"></td>
                <td><input type="button" value="6" onclick="addToDisplay('6')"></td>
                <td><input type="button" value="-" onclick="addToDisplay('-'
)'></td>
            </tr>
        </table>
    </center>
</body>
```

```
<tr>
<td><input type="button" value="7" onclick="addToDisplay('7')"></td>
<td><input type="button" value="8" onclick="addToDisplay('8')"></td>
<td><input type="button" value="9" onclick="addToDisplay('9')"></td>
<td><input type="button" value="*" onclick="addToDisplay('*')"></td>
</tr>
<tr>
<td><input type="button" value="C" onclick="clearDisplay()"></td>
<td><input type="button" value="0" onclick="addToDisplay('0')"></td>
<td><input type="button" value="/" onclick="addToDisplay('/')"></td>
</tr>
</table>
<script type="text/vbscript">      Dim
expression      expression = ""

Sub addToDisplay(value)
expression & value
    document.getElementById("display").value = expression

Sub clearDisplay()      expression = ""
    document.getElementById("display").value = ""      End Sub

Sub calculate()
    On Error Resume Next      result =
Eval(expression)      If Err.Number = 0 Then
expression = result
    document.getElementById("display").value = result
    document.getElementById("display").value = "Error"
End If
    On Error GoTo 0
End Sub
</script>
</center>
</body>
</html>
```

OUTPUT:

