21CS102 - FRONT END TECHNOLOGIES
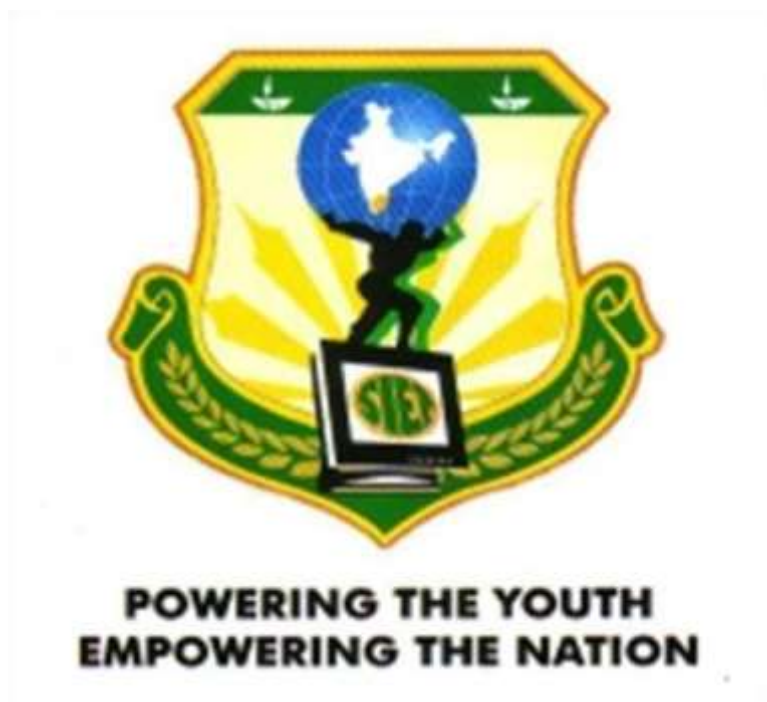
POWERING THE YOUTH
EMPOWERING THE NATION

DEPARTMENT OF CYBER SECURITY

SRI SHAKTHI

INSTITUTE OF ENGINEERING AND TECHNOLOGY

An Autonomous Institution, Affiliated to Anna University

Accredited by NAAC with "A" Grade

COIMBATORE – 62

JANUARY 2024

SRI SHAKTHI

INSTITUTE OF ENGINEERING AND TECHNOLOGY

COIMBATORE – 62

DEPARTMENT OF CYBER SECURITY

CERTIFICATE

Certified that this is a bonafide record of practical work done by Mr./Ms._____ bearing Register Number _____of First Semester Bachelor of Technology in **CYBER SECURITY** in the **21CS102 - FRONT END TECHNOLOGIES** during the academic Year **2023 – 2024** under our supervision.

Place:

Date:

Staff In-Charge   Head of the Department

Submitted for the End Semester Practical Examination held on ……………

Internal Examiner   External Examiner

INDEX

EX.NO: DATE:	**CREATE A PRODUCT CATALOGUE WEBSITE USING HTML AND CSS**

AIM:

To create a product catalogue website using HTML and CSS

PROCEDURE:

- Create two files "index.html" for html and "style.css" for CSS code.
- Write the HTML Structure.
- Create CSS Styles.
- Add product entries.
- Open the html file in a Web browser to see the product catalogue website

HTML CODE:

```html
<!DOCTYPE html>
<html>
<head>
   <title>Book Shop</title>
   <link rel="stylesheet" href="style.css">
   <link rel="icon"
    href="https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcTwoFzDWWvfBEIn6iM_AOo5ccysAq5cxnL9Hw&usqp=CAU">
</head>
<body>
   <nav class="navbar">
     <h1>Book shop</h1>
     <ul>
       <li>Home</li>
       <li>Books</li>
       <li> About </li>
       <li>Contact </li>
       <li> <button class="login">Login</button></li>
     </ul>
   </nav>
```

```html
  <div class="searchbar">
    <input placeholder="search">
  </div>
  <div class="bookbox">
    <div class="box">
      <img src="https://encrypted-
tbn0.gstatic.com/images?q=tbn:ANd9GcRZBYCXwvSDKW9lavqBhpbuBQ5
1s6tCmzz2JA&usqp=CAU"
        width="220" height="220">
    <h3>Das Kapital</h3>
    <h3>$20</h3>
    <button class="button">Buy now</button>
  </div>
  <div class="box">
    <img
src="https://img.thriftbooks.com/api/images/i/m/8823D5A571F975A4D7
941F2E1D800AEF215F817F.jpg"
        width="220" height="220">
    <h3>Guerrilla Warfare</h3>
    <h3>$10</h3>
    <button class="button">Buy now</button>
  </div>
  <div class="box">
    <img src="https://m.media-
amazon.com/images/W/MEDIAX_792452-
T1/images/I/51fhGGKbbcL._SY445_SX342_.jpg"
        width="220" height="220">
    <h3>Fidel and Che: A Revolutionary Friendship</h3>
    <h3>$25</h3>
    <button class="button">Buy now</button>
  </div>
  <div class="box">
    <img src="https://encrypted-
tbn1.gstatic.com/images?q=tbn:ANd9GcSjFUoycz_KGoRKjRYj63_y_cmMq
tfugbrvF80JXT2QrhYbspFO"
        width="220" height="220">
```

```html
<h3>It (novel)</h3>
    <h3>$7</h3>
    <button class="button">Buy now</button>
  </div>
  <div class="box">
    <img src="https://encrypted-
tbn0.gstatic.com/images?q=tbn:ANd9GcQ5tu4okXHqHV-
7PBTWtMIzICJWnvP10jl0-13-qXVgKQvFAaC0"
       width="220" height="220">
    <h3>The Hunger </h3>
    <h3>$5</h3>
    <button class="button">Buy Now</button>
  </div>
  <div class="box">
    <img src="https://m.media-
amazon.com/images/W/MEDIAX_792452-
T1/images/I/81TekFnit1L._SY425_.jpg" width="220"
       height="220">
    <h3> Carrie</h3>
    <h3>$4</h3>
    <button class="button">Buy Now</button>
  </div><br><br>
  <div class="about">
    <h1>About us</h1>
    <p>My Book Shop</p>
  </div> <br><br>
  <div class="contact">
    <h1>Contact us</h1>
    <h4>8764796745</h4>
    <h5>bookshop@gmail.com</h5>
  </div>
</body>
</html>
```

CSS CODE:

```css
*{
   margin: 0;
   padding: 0;
}
.navbar{
   background-color: black;
   color: white;
}
h1,li,ul{
   display: inline-block;
}
ul{
   padding-left: 60%;
}
h1{
  padding: 20px;
  padding-top: 20px;
}
li{
   padding: 10px;
   color: grey;
   cursor: pointer;
}
li:hover{
   color: white;
}
.login{
   border-radius: 8px;
   background-color: white;
   color: black;
   cursor: pointer;
   border: solid black;
   padding: 5px;
}
```

```
input{
   width: 60%;
   margin: 7%;
   padding: 15px;
   border-radius: 10px;
}
.searchbar{
   text-align: center;
}
.box{
   display: inline-block;
   width: 350px;
   height: 350px;
}
.bookbox{
   text-align: center;
}
.contact{
   background-color: black;
   color: white;
}
.button{
   background-color: black;
   color: white;
   border-radius: 5px;
   cursor: pointer;
   margin-top: 10px;
   padding: 3px;
}
```

CLASS PERFORMANCE	
RECORD	
VIVA	
TOTAL	

RESULT:

   The website for displaying a product catalogue using HTML and CSS has been successfully executed, resulting in the desired output being displayed.

EX.NO: DATE:	CREATE A TIME TABLE USING HTML AND CSS

AIM:

    To create a time table using HTML and CSS

PROCEDURE:

- Create two files "index.html" for html and "style.css" for CSS code.
- Write the HTML Structure.
- Create CSS Styles.
- Open the html file in a Web browser to see the time table.

HTML CODE:

```
<!DOCTYPE  html>
<html>
<head>
<title> Time Table</title>
</head>
<style>
table,td{
border:1px solid black;
}
td{
  text-align: center;
  height: 50;
  width: 100;
}
</style>
<body>
<center>
   <H1>CYBER TIME TABLE</H1>
<table>
<tr >
<td><b>Day/Period<b></td>
<td>I<br>8:30-9:15</td>
<td>II<br>9:15-10:00</td>
```

```
<td>III<br>10:00-10:45</td>
<td>break<br>10:45-11:05  </td>
<td>IV<br>11:05-11:50</td>
<td>V<br>11:50-12:35</td>
<td>lunch<br>12:35-01:20</td>
<td>VI<br>01:20-02:05</td>
<td>VII<br>02:05-02:50</td>
<td>break<br>02:50-03:05   </td>
<td>VIII<br>03:05-03:50</td>
<td>IX<br>03:50-04:35</td>
</tr>
<tr>
<td><b>Monday<b>  </td>
<td>CTPS  </td>
<td> FET </td>
<td> ENGLISH  </td>
<td rowspan="6">
   <h1>B</h1>
   <h1>R</h1>
   <h1>E</h1>
   <h1>A</h1>
   <h1>K</h1>
</td>
<td> MATHS  </td>
<td> DPSD  </td>
<td rowspan="6">
   <h1>L</h1>
   <h1>U</h1>
   <h1>N</h1>
   <h1>C</h1>
   <h1>H</h1>
</td>
<td> DPSD </td>
<td> CTPS </td>
<td rowspan="6">
```

```
 <h1>B</h1>
  <h1>R</h1>
  <h1>E</h1>
  <h1>A</h1>
  <h1>K</h1>
</td>
<td> FET  </td>
<td> SPORTS  </td>
</tr>
<tr>
<td><b>Tuesday</b></td>
<td colspan="3" style="background-color:gray;">DPSD LAB</td>
<td>MATHS</td>
<td>ENGLISH</td>
<td style="background-color:red;" colspan="2">TAMIL</td>
<td colspan="2">DPSD</td>
</tr>
<tr>
<td><b>WEDNESDAY</b></td>
<td>CTPS</td>
<td>FET</td>
<td>ENGLISH</td>
<td>MATHS</td>
<td>FET</td>
<td>ENGLISH</td>
<td style="background-color:brown;" >FET LAB</td>
<td style="background-color:brown;" colspan="2">FET LAB</td>
</tr>
<tr>
<td><b>THURSDAY</b></td>
<td>DPSD
</td>
<td> MATHS
</td>
```

```
<td style="background-color: purple;">
CTPS LAB
</td>
<td style="background-color: purple;" colspan="2">
CTPS LAB
</td>
<td style="background-color: blue;"colspan="2"> ENGINEERING
EXPOLARATION</td>
<td style="background-color: blue;" colspan="2">ENGINEERING
EXPOLARATION</td>
</tr>
<tr>
  <td><b>FRIDAY</b></td>
  <td style="background-color: green;" colspan="3">CORP
PRODUCTION</td>
  <td style="background-color: green;" colspan="2">CORP
PRODUCTION</td>
  <td>MATHS</td>
  <td>ENGLISH</td>
  <td style="background-color: yellow;" colspan="2">ECONAMICS</td>
</tr>
<table>
</center>
</body>
</html>
```

CLASS PERFORMANCE	
RECORD	
VIVA	
TOTAL	

RESULT:

The creation of the time table using HTML and CSS has been successfully executed, resulting in the desired output being displayed.

EX.NO: DATE:	CREATE A LOGIN PAGE USING HTML AND CSS

AIM:

To create a login page using HTML and CSS.

PROCEDURE:

- Create two files "index.html" for html and "style.css" for CSS code.
- Write the HTML Structure.
- Create CSS Styles.
- Open the html file in a Web browser to see the login page.

HTML CODE:

```
<!Doctype html>
<Head>
  <Title>sri shakthi institue of engineering and technology </title>
  <Link rel="stylesheet" href="style.Css">
</Head>
<Body>
  <Div class="container">
    <Div class="box1">
      <Img src="banner.Png" alt="banner"> </Div>
    <Div class="box2">
      <Input class="user" type="text" placeholder="username"><a href="#">forgetten your username or password ?</a>
      <Input class="pass" type="password" placeholder="password">
 <pre>Cookies must be enabled in
your browser <b class="quest"> &quest;</b></pre><br>
      <input type="checkbox" name="Remember username " id="checkbox" value="Remember username">
      <p class="reme">Remember username</p>
      <br>
      <button class="Login" type="submit">Login</button>  </div>
  </div>
 </body>
</html>
```

CSS CODE:

```css
.box1,.box2 {
   border: 1px solid rgb(238, 236, 236);
   width: 600px;
}
input{
   padding: 7px;
   display: block;
   margin-top: 2%;
   margin-left: 2%;
}
img{
   display: inline-block;
   width: 600px;
   height: 100px;
}
html{
   display: inline-block;
}
.Login{
   color: white;
   background-color: rgb(37, 156, 37);
   padding: 7px;
   border: none;
   width: 30%;
   margin: 10px;
   margin-left:2%;
}
#checkbox{
   display: inline;
}
.reme{
   display: inline-block;
   font-size:medium;
}
```

```css
a{
   display: inline;
   color: rgb(37, 156, 37);
   margin-left: 20px;
   margin-top: 5px;
   font-size: large;
   text-decoration: none;
}
.user{
   display: inline-block;}
.pass{
   display:inline-block;
}
.container{
   display:inline-block;
  margin-top: 10%;
   margin-left: 30%;
}
.quest{
   background-color: rgb(79, 79, 174);
   color: white;
   border-radius: 50%;
   font-size: small;
}
pre{
   display: inline-block;
   margin-left: 20px;
   font-size: 15px;
}
.box1{
   background-color: rgb(246, 245, 245);}
.box2{
   padding-top: 10px;
   padding-left: 0px;
}
```

CLASS PERFORMANCE	
RECORD	
VIVA	
TOTAL	

RESULT:

The creation of the login page using HTML and CSS has been successfully executed, resulting in the desired output being displayed.

EX.NO: DATE:	CREATE A PORTFOLIO WEBPAGE USING HTML AND CSS

AIM:

To create a portfolio webpage using html and css

PROCEDURE:

- Create two files "index.html" for html and "style.css" for CSS code.
- Write the HTML Structure.
- Create CSS Styles.
- Open the html file in a Web browser to see portfolio webpage

HTML CODE:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>portfilo</title>
  <link rel="stylesheet" href="style.css">
</head>
  <body >
  <div class="content">
    <nav class="navbar">
      <h1>SUGANTH</h1>
       <ul>
         <li > Home</li>
         <li>About  </li>
         <li> Contact </li>
       </ul>
     </nav>
    <div class="detial">
      <h1> Im,<span>Suganth</span></h1>
      <h3>CYBER SECURITY</h3>
      <a >Download CV</a>
```

```
    </div>
        <div class="about">
            <h1 id="about">ABOUT ME</h1>
            <p>I wish to seek challenging where i can utilise my skills</p>
            <p>for the success of the organisation </p>
            <h1>MY SKILLS</h1>
            <ul>
                <li>Web development</li>
                <li>Web design</li>
            </ul>
            <h1>EDUCATION</h1>
            <ul>
                <li>SSLC-Vaigai school</li>
                <li>HSC-Vaigai school</li>
                <li>College-Sri Shakthi Institue Of Technology</li>
            </ul>
            <h1>LANGUAGES KNOWN</h1>
            <ul>
            <li>Tamil</li>
            <li>English</li></ul>
        </div>
    </div>
</body>
</html>
```

CSS CODE:

```css
*{
    margin: 0;
    padding: 0;
}
body {
    background-image: url('leone-venter-VieM9BdZKFo-
unsplash.jpg');
    background-repeat: no-repeat;
    background-attachment: fixed;
    background-size: cover;
  }
nav{
    display: flex;
    margin-top: 3%;
    margin-left: 2%;
}
.navbar h1{
    font-size: 50px;
}
.navbar ul{
    display: flex;
    justify-content: space-between;
    margin-left: 40%;
}
.navbar li{
    font-size: 20px;
    font-weight: bold;
    font-family: sans-serif;
    font-style: normal;
    padding-top :10px;
    padding-left: 50px;
    padding-right: 50px;
```

```css
  color: white;
}
.navbar li::marker{
   color:transparent;
}
.navbar li:hover{
   color:orange;
   cursor: pointer;
}

.detial{
   margin-top: 15%;
   margin-left: 8%;
}
.detial h1{
   font-size: 50px;
   margin-bottom: 20px;
}
.detial h3{
   color: rgb(67, 67, 67);

}
.detial a{
   background-color: black;
   padding: 10px 18px;
   font-weight: bold;
   border-radius: 5px;
   text-decoration: none;
   color:white;
   display: inline-block;
   margin-top: 30px;
}
span{
   color: orange;
}
```

```
.about{
   position: relative;
   left: 50%;
   display: inline-block;
}
#about{
   font-size: 50px;
}
.about h1{
   color: orange;
}
.about ul,li,p{
   margin: 10px;
   margin-left: 20px;
   font-size: larger;
}
```

CLASS PERFORMANCE	
RECORD	
VIVA	
TOTAL	

RESULT:
       The   using HTML and CSS has been
successfully executed, resulting in the desired output being displayed.

EX.NO: DATE:	CREATE A BLOG PAGE USING HTML AND CSS

AIM:

To create a blog page using html and css

PROCEDURE:

- Create two files "index.html" for html and "style.css" for CSS code.
- Write the HTML Structure.
- Create CSS Styles.
- Open the html file in a Web browser to see blog page

HTML CODE:

```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 rel="stylesheet" href="style.css">
</head>
<body>
  <script src="https://kit.fontawesome.com/0002a52610.js" crossorigin="anonymous"></script>
  <div class="navbar">
    <a href="index.html">Home</a>
    <i class='far fa-bookmark' style='font-size:24px;margin-left: 1300px;'></i>
    <i class='fab fa-discord' style='font-size:24px;margin-left: 40px;'></i>
  </div>
  <h1 class="center">Summer of Math Exposition</h1>
  <p class="center font-light">Discover and create new math content</p>
```

```
  <p class="center">The Summer of Math Exposition (SoME) is an annual
competition to foster the creation of excellent math content online. You
can find the SoME3 winners below. The full list of non video entries is
available <a class="para" href="https://some.3b1b.co/non-
videos">here</a>. The playlist of all video entries is available <a
class="para" href="https://www.youtube.com/playlist?list=PLnQX-
jgAF5pQS2GUFCsatSyZkSH7e8UM8">here</a></p>
  <div class="wrapper">
  <div class="one-video">
    <iframe src="https://www.youtube.com/embed/WGccIFf6MF8"
title="The Mathematics of String Art" frameborder="0"
allow="accelerometer; autoplay; clipboard-write; encrypted-media;
gyroscope; picture-in-picture; web-share" allowfullscreen></iframe>
  </div>
  <div class="one-desc">
    <h3 class="center">The Mathematics Of String Art</h3>
    <p class="center">String Art recreates an image using string. An
algorithm is used to calculate the order in which the string needs to be
wrapped around the nails. This video is about the mathematics behind
this algorithm</p>
  </div>
  <div class="two-video">
    <iframe src="https://www.youtube.com/embed/uFWJuZQLKJs"
title="Rethinking the real line #SoME3" frameborder="0"
allow="accelerometer; autoplay; clipboard-write; encrypted-media;
gyroscope; picture-in-picture; web-share" allowfullscreen></iframe>
  </div>
  <div class="two-desc">
    <h3 class="center"> Rethinking the real line</h3>
    <p class="center">We take a geometric approach to rational
numbers, to rethink how to organize the real line. Along the way, we
visualize Diophantine approximation and continued fractions. And your
favourite number, pi.</p>
  </div>
  <div class="three-video">
    <a href="https://mabi.tmpinc.io/numbers/" target="_blank"><img
```

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```
src="How Computers Use Numbers.webp" style="height: 170px;width:
auto;margin-top: 77.46px;"></a>
   </div>
   <div class="three-desc">
      <h3 class="center">How Computers Use Numbers</h3>
      <p class="center">An exploration of how modern computers
interpret bits as numbers, building some common number formats from
the ground up</p>
   </div>
   <div class="four-video">
      <iframe width="420" height="236"
src="https://www.youtube.com/embed/d6tp43wZqps" title="Crafting a
Better Shader for Pixel Art Upscaling" frameborder="0"
allow="accelerometer; autoplay; clipboard-write; encrypted-media;
gyroscope; picture-in-picture; web-share" allowfullscreen></iframe>
   </div>
   <div class="four-desc">
      <h3 class="center">Pixel Art Anti Aliasing</h3>
      <p class="center">A full walkthrough of the motivation,
background, derivations, and implementation of an efficient anti-aliasing
filter for rendering pixel art.</p>
   </div>
   </div>
   <h2 class="center mentions">Honorable Mentions</h2>
   <div class="flex-wrapper">
      <div>
         <iframe width="320" height="180"
src="https://www.youtube.com/embed/IEsIXui-YS8" title="The math of
saving the Enola Gay #SoME3" frameborder="0" allow="accelerometer;
autoplay; clipboard-write; encrypted-media; gyroscope; picture-in-
picture; web-share" allowfullscreen></iframe>
         <h3>Escaping a Nuclear Explosion: how the Enola Gay
survived</h3>
      </div>
      <div>
```

```
        <iframe width="320" height="180"
src="https://www.youtube.com/embed/AL2Chc6p_Kk" title="The Most
Mind-Blowing Aspect of Circular Motion" frameborder="0"
allow="accelerometer; autoplay; clipboard-write; encrypted-media;
gyroscope; picture-in-picture; web-share" allowfullscreen></iframe>
        <h3>A Subtle Aspect of Circular Motion</h3>
    </div>
    <div>
        <iframe width="320" height="180"
src="https://www.youtube.com/embed/TkwXa7Cvfr8" title="Watching
Neural Networks Learn" frameborder="0" allow="accelerometer;
autoplay; clipboard-write; encrypted-media; gyroscope; picture-in-
picture; web-share" allowfullscreen></iframe>
        <h3>Watching Nueral Networks Learn</h3>
    </div>
    <div>
        <a href="https://zachartrand.github.io/SoME-3/"><img src="How
does a computer-calculator compute logarithms.webp" width="300px"
height="140px" style="padding-top:80px"></a>
        <h3>How does a computer/calculator compute logarithms?</h3>
    </div>
    </div>
    <div class="flex-wrapper">
    <div>
        <iframe width="320" height="180"
src="https://www.youtube.com/embed/FzuMSJTysmg" title="How
Infinity Works (And How It Breaks Math)" frameborder="0"
allow="accelerometer; autoplay; clipboard-write; encrypted-media;
gyroscope; picture-in-picture; web-share" allowfullscreen></iframe>
        <h3>How Infinity Works</h3>
    </div>
    <div>
        <iframe width="320" height="180"
src="https://www.youtube.com/embed/4d6YrTKmjfE" title="What
Happens If We Add Fractions Incorrectly? #SoME3" frameborder="0"
allow="accelerometer; autoplay; clipboard-write; encrypted-media;
gyroscope; picture-in-picture; web-share" allowfullscreen></iframe>
```

```html
        <h3>What Happens If We Add Fractions Incorrectly?</h3>
    </div>
    <div>
        <iframe width="320" height="180"
src="https://www.youtube.com/embed/6WjnRyYLmM4" title="The
Longest Increasing Subsequence" frameborder="0"
allow="accelerometer; autoplay; clipboard-write; encrypted-media;
gyroscope; picture-in-picture; web-share" allowfullscreen></iframe>
        <h3>The Longest Increasing Subsequence</h3>
    </div>
    <div>
        <iframe width="320" height="180"
src="https://www.youtube.com/embed/E72DWgKP_1Y" title="The Art of
Linear Programming" frameborder="0" allow="accelerometer; autoplay;
clipboard-write; encrypted-media; gyroscope; picture-in-picture; web-
share" allowfullscreen></iframe>
        <h3>The Art Of Linear Programming</h3>
    </div>
  </div>
  <div class="center">
    <h1 class="entries">All entries</h1>
    <p>you can find the whole list of entries here:</p>
    <button class="entry-button">ALL VIDEOS</button>
    <button class="entry-button">ALL NON-VIDEOS</button>
  </div>
  <h2 class="center font-light">Prizes and operations for this contest has
been generously funded by</h2>
  <footer>
    <a href="https://github.com/quixel200" class="footer-info center"
target="_blank">github</a><i class='fab fa-github' style='font-
size:24px;margin-left: -90px;'></i>
    <a href="https://some.3b1b.co/" class="footer-info center"
target="_blank">source material</a>
  </footer>
</body>
</html>
```

```css
CSS CODE:
html{
    font-feature-settings: normal;
    font-family: ui-sans-serif,system-ui,-apple-
system,BlinkMacSystemFont,Segoe UI,Roboto,Helvetica
Neue,Arial,Noto Sans,sans-serif,Apple Color Emoji,Segoe UI
Emoji,Segoe UI Symbol,Noto Color Emoji;
    font-variation-settings: normal;
    tab-size: 4;
}
.navbar,footer{
    padding: 16px;
    background-color: #000000CC;
    color:white;
}
a{
    color: white;
}
.para{
    color: black;
}
.center{
    text-align: center;
}
h1{
    margin: 0px 0px 32px;
    font-size: 36px;
}
h3{
    font-weight: normal;
}
p{
    padding: 20px;
    margin: 20px;
}
iframe{
    height: fit-content;
```

```css
    width: fit-content;
    margin-top: 77.46px;
}
.font-light{
    color:#000000CC;
    font: 30px ui-sans-serif,system-ui;
    margin:37.5px 0px 64px;
}
.footer-info{
    margin-right:100px;
    margin-left: 400px;
}
body{
    background-color:#b7d7e8;
}
.flex-wrapper{
    display: flex;
}
.flex-wrapper div{
    background-color: #000000CC;
    flex:1 1 0;
    color: white;
    text-align: center;
}
.mentions{
    font-size: 48px;
    background-color: #000000CC;
    color: white;
    margin: 80px 0 auto;
}
.entries{
    margin: 72px 0 42px;
}
.entry-button{
    color: #D1D3D6;
    padding: 16px 16px;
    margin-bottom: 80px;
```

```css
    font-size: 14px;
    background-color: #2B3440;
    border-radius: 5px;
    font-weight: 600;
}
body{
    background-color: rgb(242, 127, 255);
}
.wrapper{
    display: grid;
    grid-template-columns: repeat(2,1fr);
    grid-auto-rows: minmax(100px,auto);
    gap: 20px;
}
.one-video{
    grid-column: 1;
    grid-row: 1;
    text-align: center;
}
.one-desc{
    grid-row: 1;
    grid-column: 2;
    padding-right: 120px;
    padding-left: 120px;
}
.two-video{
    grid-column: 1;
    grid-row: 2;
    text-align: center;
}
.two-desc{
    grid-column: 2;
    grid-row: 2;
    padding-right: 120px;
    padding-left: 120px;
}
```

```
.three-video{
   grid-column:1;
   grid-row:3;
   text-align: center;
}
.three-desc{
   grid-column: 2;
   grid-row: 3;
   padding-right: 120px;
   padding-left: 120px;
}
.four-video{
   grid-column: 1;
   grid-row: 4;
   text-align: center;
}
.four-desc{
   grid-column: 2;
   grid-row: 4;
   padding-right: 120px;
   padding-left: 120px;
}
```

CLASS PERFORMANCE	
RECORD	
VIVA	
TOTAL	

RESULT:
　　　To creation a blog page using html and css has been successfully executed, resulting in the desired output being displayed.

EX.NO: DATE:	CREATE FORM VALIDATION USING JAVASCRIPT

AIM:

     To create form validation using javascript

PROCEDURE:

- Create two files "index.html" for html and "script tag" for java script code.
- Write the HTML Structure.
- Write the Java Script.
- Open the html file in a Web browser to see form.

HTML CODE:

```html
<html>
<head>
<title>FORM VALIDATION</title>
<link
href="https://fonts.googleapis.com/css2?family=Poppins:wght@300&display=swap" rel="stylesheet">
</head>
<body>
<div align="center">
   <div class="form1">
<h1>PERSONAL DETAILS</h1>
<form onsubmit="return validateForm()">
<label for="name">Name:</label>
<input type="text" id="name" name="name">
<br>
<br>
<label for="email">Email:</label>
<input type="email" id="email" name="email">
<br>
<br>
<label for="password">Password:</label>
```

```html
<input type="password" id="password" name="password">
<br>
<br>
<label for="address">Address:</label>
<input type="text">
<br>
<br>
<button class="b1">SUBMIT</button>
</form>
</div>
</div>
<script>
function validateForm() {
var name = document.forms[0]["name"].value; var
email = document.forms[0]["email"].value; var
password = document.forms[0]["password"].value;
if (name="" )
{
alert("Name must be filled out");
return false;
}
var emailRegex = /^\S+@\S+\.\S+$/;
if (!emailRegex.test(email))
{
alert("Invalid email address");
return false;
}
if (password.length <8) {
alert("Password must be at least 8 characters long");
return false;
}
return true;
}
</script>
</body>
</html>
```

CLASS PERFORMANCE	
RECORD	
VIVA	
TOTAL	

RESULT:

The creation of form validation using HTML and JAVA SCRIPT has been successfully executed, resulting in the desired output being displayed.

EX.NO: DATE:	CREATE A SIMPLE WEBPAGE USING BOOTSTRAP

AIM:

To create a simple webpage using bootstrap

PROCEDURE:

- Create two files "index.html" for html and "style.css" for CSS code.
- Write the HTML Structure.
- Create CSS Styles.
- Add bootstrap libraries
- Open the html file in a Web browser to see simple webpage

HTML CODE:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title></title>
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTwFspd3yD65VohhpuuCOmLASjC" crossorigin="anonymous">
  <link rel="stylesheet" href="style.css">
</head>
<body>
  <div class="content">
    <nav class="navbar">
      <h1>MOVIES</h1>
       <ul>
          <li style="color: red;">Home</li>
          <li> About </li>
```

```
<li>  Contact </li>
  </ul>
</nav>
<h1 class="rev">REVIEWS</h1>
<div class="card-group">
   <div class="card">
    <img src="https://encrypted-
tbn2.gstatic.com/images?q=tbn:ANd9GcQgytNl3ofre3fkjD2u1E99EWFhP
W9wn6KGZ_V6gg5aIuzbvTTp" class="card-img-top" alt="...">
       <div class="card-body">
        <h5 class="card-title">
          Kadaisi Vivasayi</h5>
        <p class="card-text"> Mayandi is an eighty-year-old farmer
living a frugal lifestyle in a village near Usilampatti. He talks very little
and displays very little emotion. As there are no farmers in the village,
the village tasks him with providing the symbolic first grain for the village
temple's annual ceremony.</p>
        <p class="card-text"><small class="text-body-secondary">Last
updated 3 mins ago</small></p>
      </div>
    </div>
    <div class="card">
     <img src="https://encrypted-
tbn3.gstatic.com/images?q=tbn:ANd9GcSx6Uw7zzleGAtK-heQSKs4oAX-
4iPYAkdtSrEMecRFpjeIOcry" class="card-img-top" alt="...">
       <div class="card-body">
        <h5 class="card-title">Pebbles</h5>
        <p class="card-text">An alcoholic abusive father Ganapathy
drags out his young son Velu from school and embarks on a journey to
fetch back his wife who had left him after a night of abuse. On reaching
the in-laws house, he learns that his wife has already left to return to
their home.</p>
        <p class="card-text"><small class="text-body-secondary">Last
updated 3 mins ago</small></p>
      </div>
```

```
      </div>
      <div class="card">
       <img src="https://encrypted-
tbn2.gstatic.com/images?q=tbn:ANd9GcRbjagbyD-s6A8SMv-
1Us5XxxUILyf6EmCcfdi8SN9RfeoAgYnn" class="card-img-top" alt="...">
        <div class="card-body">
         <h5 class="card-title">Sila Nerangalil Sila Manidhargal</h5>
         <p class="card-text">The lives of four people from different
walks of life is affected by a disastrous road accident. The regret,
remorse and realisation these characters undergo makes the crux of the
film. The lives of four people from different walks of life is affected by a
disastrous road accident.</p>
         <p class="card-text"><small class="text-body-secondary">Last
updated 3 mins ago</small></p>
        </div>
       </div>
      </div>
      <div class="card-group">
       <div class="card">
        <img src="https://encrypted-
tbn3.gstatic.com/images?q=tbn:ANd9GcTLq9Ar6lzyzEEUSlWaNTYFhLoQ
H3Ha2ZMrAh-wB4Bmz1n5t4XD" class="card-img-top" alt="...">
         <div class="card-body">
          <h5 class="card-title">Super Deluxe</h5>
          <p class="card-text">Thus, with Super Deluxe, we have a film
that shows women as the strong characters in a film alongside men who
do not necessarily occupy supporting roles. We see men who have the
freedom to take on submissive roles, make mistakes and face the
consequences of their actions.</p>
          <p class="card-text"><small class="text-body-secondary">Last
updated 3 mins ago</small></p>
         </div>
        </div>
        <div class="card">          <img src="https://encrypted-
tbn0.gstatic.com/images?q=tbn:ANd9GcSdh8K7C1o0av-
JkACdDMDyPAMk5EcOCFVJIBl9gIbjcrWcuy9C" class="card-img-top"
alt="...">
```

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```html
<div class="card-body">
        <h5 class="card-title">Aaranya Kaandam</h5>
        <p class="card-text">A mob boss must deal with a disgruntled
mistress and a vanishing bag of cocaine. A mob boss must deal with a
disgruntled mistress and a vanishing bag of cocaine</p>
        <p class="card-text"><small class="text-body-secondary">Last
updated 3 mins ago</small></p>
      </div>
    </div>
    <div class="card">
     <img src="https://encrypted-
tbn1.gstatic.com/images?q=tbn:ANd9GcTzB6Vpv8ukUSFKxqcTHo8Nmk-
8qSvrgj8APB7VIyYEUfFLrGW2" class="card-img-top" alt="...">
      <div class="card-body">
       <h5 class="card-title">Merku Thodarchi Malai</h5>
       <p class="card-text">Daily wage laborer Rengasamy makes a
living carrying cardamom sacks from the mountains to the foothills of
the Western Ghats in the interior of Tamil Nadu. Chacko, a communist
from Kerala, unionizes these workers to prevent the estate owner from
exploiting them.</p>
       <p class="card-text"><small class="text-body-secondary">Last
updated 3 mins ago</small></p>
      </div>
     </div>
    </div>
</body>
</html>
```

CSS CODE:

```css
*{
  color: white;
   background-color: black;
}
nav{
  display: flex;
  margin-top: 3%;
}
h1{
  font-size: 100px;
}
ul{
  display: flex;
  justify-content: space-between;
}
li{
  font-size: 20px;
  font-weight: bold;
  font-family: sans-serif;
  font-style: normal;
  padding-left: 50px;
  padding-right: 50px;
}
li::marker{
  color:transparent;
}
li:hover{
  color: rgb(255, 0, 0);
  cursor: pointer;
}
.rev{
  font-size: 196px;
}
```

```
.card{
    border: none;
  justify-content: space-evenly;
  padding-left: 2%;
  background-color: black;
}
.card-group{
   padding: 5%;
}
```

CLASS PERFORMANCE	
RECORD	
VIVA	
TOTAL	

RESULT:

      The creation a simple webpage using Bootstrap has been successfully executed, resulting in the desired output being displayed.