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Bengaluru, Karnataka, India



AN INTERNSHIP REPORT ON
“ENGINEERING SGPA/CGPA CALCULATOR”

Bachelor of Engineering
In
Computer Science and Engineering

Submitted By: Srishti A Bulbule(2KE18CS044)



KLE INSTITUTE OF TECHNOLOGY, HUBBALLI

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Some of our services include:

Development - We develop responsive, functional and super-fast websites.

We keep User Experience in mind while creating websites. A website should load quickly and should be accessible even on a small view-port and slow internet connection.

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Design - We offer professional Graphic design, Brochure design & Logo design. We are experts in crafting visual content to convey the right message to the customers.

Consultancy - We are here to provide you with expert advice on your design and development requirement.

Videos - We create a polished professional video that impresses your audience.

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OVERVIEW OF THE PROJECT

Project Name: “**ENGINEERING SGPA/CGPA CALCULATOR**”

Team Members: Sunidhi Tavargeri

Srishti A Bulbule

Nandita D Nilange

This project is based on Web Development And its Applications.

The main objective of this project is to learn the implementation of HTML, CSS JavaScript, MySQL. The basic webpage of this project is created using HTML and styling of the webpage is done using CSS.

This webpage is designed to calculate VTU SGPA/CGPA grading for engineering students.

ABOUT SGPA/CGPA CALCULATION

Computation of SGPA and CGPA

The following expressions shall be used to compute the Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA) respectively:

$$SGPA = \frac{\sum [\text{Course Credits} \times \text{Grade Points}] \text{ for all the Courses in that Semester}}{\sum [\text{Course Credits}] \text{ for all the Courses in that Semester}}$$

$$CGPA = \frac{\sum [\text{Course Credits} \times \text{Grade Points}] \text{ for all Courses excluding those with F grades until that Semester}}{\sum [\text{Course Credits}] \text{ for all Courses excluding those with F grades until that semester}}$$

Conversions of CGPA into Percentage of marks and Class Equivalence

Formula for the conversion of CGPA into percentage of marks.

Percentage of marks secured, $P = [\text{CGPA Earned} - 0.75] \times 10$

Illustration for a CGPA of 8.20:

$$\begin{aligned} P &= [\text{CGPA Earned } 8.20 - 0.75] \times 10 \\ &= 74.5 \% \end{aligned}$$

TOOLS USED

Software Requirements:

- ATOM.
- Google Chrome or Brave Browser.
- Front End: HTML, CSS, JavaScript
- Backend: PHP, MySQL
- Windows XP/7/8/10 OS.

Hardware Requirements:

- Pentium 200-MHz computer with a minimum of 64 MB of RAM (128MB of RAM recommended).
- Monitor with a refresh rate of at least 40Hz for a smooth GUI experience (optional).

IMPLEMENTATION

Source Code:

index.html

```
<!DOCTYPE html>
<html lang="en" dir="ltr">
  <head>
    <meta charset="utf-8">
    <title>Calculator</title>
    <link rel="stylesheet" href="cssp2/style.css">
    <link rel="icon" href="V favicon.ico">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
    <script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.16.0/umd/popper.min.js"
></script>
    <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></sc
ript>

  </head>
  <body>

    <nav class="navbar navbar-expand-md navbar-dark" style="background-
color: #000000;">
      

      <button class="navbar-toggler" type="button" data-toggle="collapse" data-
target="#collapsibleNavbar">
        <span class="navbar-toggler-icon"></span>
      </button>

      <div class="collapse navbar-collapse" id="collapsibleNavbar">
        <ul class="navbar-nav ml-auto">
          <li class="nav-item">
            <a class="nav-link1" href="index.html">HOME</a>
```

```
</li>
<li class="nav-item">
  <a class="nav-link1" href="signup.html">SIGNUP</a>
</li>
<li class="nav-item">
  <a class="nav-link1" href="sgpa.html">VTU SGPA
CALCULATOR</a>
</li>
<li class="nav-item">
  <a class="nav-link1" href="cgpa.html">VTU CGPA
CALCULATOR</a>
</li>
<li class="nav-item dropdown">
  <a class="nav-link1" href="#" id="navbardrop" data-
toggle="dropdown">
    MORE..
  </a>
  <div class="dropdown-menu">
    <a class="dropdown-item" href="contact.html">Contact</a>
    <a class="dropdown-item" href="about.html">About Us</a>
  </div>
</li>
</ul>
</div>
</nav>
<div class="top-container">
  <h1 class="headding"><strong>VTU <br> <span
class="sc">SGPA</span>&<span class="sc">CGPA</span>
<br>CALCULATOR</strong> </h1>
<br><br>
<p class="headd2">VTU <span class="sc">SGPA</span> & <span class="sc">
CGPA</span> Calculator for VTU Students for 2018 scheme</p>
<br>
<center>
<a class="signup" href="signup.html">SIGNUP</a>
<br><br><br>
<a class="sgpa" href="sgpa.html">SGPA CALCULATOR</a>
<br><br>
<a class="cgpa" href="cgpa.html">CGPA CALCULATOR</a>
<br><br><br>
</div>
```

```
<div class="bottom-container">
  <p class="copyright">© 2021 Team-Techie. All rights reserved.</p>
</div>
</body>
</html>
```

signup.html

```
<!DOCTYPE html>
<html lang="en" dir="ltr">
  <head>
    <meta charset="utf-8">
    <title>SIGN UP</title>
    <link rel="stylesheet" href="cssp2/style.css">
    <link rel="icon" href="S favicon.ico">
  </head>
  <body>
    <div class="upside">
      <h1 class="headding"><strong>SIGN UP</strong></h1>
      <form action="details_entry.php" method="post" class="signpage">
        <center>
          <label><strong class="empty">Name *</strong></label>
          <input type="text" required name="name" value=""><br><br>
          <label class="space"><strong class="leftspace">USN *</strong></label>
          <input type="text" required name="usn" value=""><br><br>
          <label><strong class="empty">Email *</strong></label>
          <input type="email" required name="email" value=""><br><br>
          <input class="btn" type="submit" name="save" value="SUBMIT" >
        </form>
      </div>
      <div class="downside">
        <center>
          <br><br>
          <a class="sgpa1" href="sgpa.html"><span class="sgpa2">SGPA</span> <span
class="cal">Calculator</span></a>
          <br><br><br>
          <a class="sgpa1" href="cgpa.html"><span class="sgpa2">CGPA</span> <span
class="cal">Calculator</span></a>
          <br><br>
          <p><strong>Click here to <a class="homeword"
href="index.html">Home</a> after signup.</strong></p>
```

```
<br><br>
</div>
</body>
</html>
```

sgpa.html

```
<!DOCTYPE html>
<html lang="en" dir="ltr">
  <head>
    <meta charset="utf-8">
    <title>VTU SGPA CALCULATOR</title>
    <link rel="stylesheet" href="cssp2/style.css">
    <link rel="icon" href="S favicon.ico">
  </head>
  <body>
    <h1 class="headding"><strong>VTU <span class="sc"> SGPA</span>
<br>CALCULATOR</strong></h1>
    <h2 class="headd3">Choose your <span
class="sem">SEMESTER</span></h2>
    <hr>
    <center>
      <br>
      <h2><span class="year">2018</span> <span
class="scheme">Scheme</span>
      <h4 class="h4">For students who admitted in the year 2018/2019</h4>
      <br><br><br>
      <a class="semester" href="phy.html"><span class="num">1</span>st and
<span class="num">2</span>nd SEM<br><span class="cycle">
PHYSICS</span>-<span class="group">GROUP</span></a><br><br><br>
      <a class="semester" href="che.html"><span class="num">1</span>st and
<span class="num">2</span>nd SEM<br><span class="cycle">
CHEMISTRY</span>-<span
class="group">GROUP</span></a><br><br><br>
      <a class="semester" href="34sem.html"><span class="num">3</span>rd
and <span class="num">4</span>th SEM<br><span class="group"> (ALL
BRANCH)</span></a><br><br><br>
      <a class="semester" href="5thsem.html"><span class="num">5</span>th
SEM<br><span class="group"> (ALL BRANCH)</span></a><br><br><br>
      <a class="semester" href="6thsem.html"><span
```

```

class="new">(new)</span><span class="num"> 6</span>th SEM<br><span
class="group"> (ALL BRANCH)</span></a><br><br><br>
    <br><br>
    <a class="sgpa1" href="cgpa.html"><span class="sgpa2">CGPA</span>
<span class="cal">Calculator</span></a>
    <br><br><br>
    <div class="downside">
    <p><strong>Click here to <a class="homeword"
href="index.html">Home.</a></strong></p>
    </div>
    <br><br>

</body>
</html>

```

phy.html

```

<!DOCTYPE html>
<html lang="en" dir="ltr">
<head>
    <meta charset="utf-8">
    <title>VTU SGPA CALCULATOR</title>
    <link rel="stylesheet" href="cssp2/style.css">
    <link rel="icon" href="S favicon.ico">
</head>
<body>
    <h1 class="headding">(2018 SCHEME) <span
class="color">PHYSICS</span> GROUP<br><span class="color">1st &
2nd</span> SEM</h1>
    <br><hr>
    <center>
    <h2 class="headd3">SUBJECTS</h2>
    <label><strong class="empty1" style="padding: 60px;">18MAT11/21 -
</strong></label>
    <input type="number" name="SEM" value="number"><br><br>
    <label><strong class="empty1" style="padding: 62px;">18PHY12/22 -
</strong></label>
    <input type="number" name="SEM" value="number"><br><br>
    <label><strong class="empty1" style="padding: 62px;">18ELE13/23 -
</strong></label>

```

```

    <input type="number" name="SEM" value="number"><br><br>
    <label><strong class="empty1" style="padding: 62px;">18CIV14/24 -
</strong></label>
    <input type="number" name="SEM" value="number"><br><br>
    <label><strong class="empty1" style="padding: 58px;">18EGDL15/25 -
</strong></label>
    <input type="number" name="SEM" value="number"><br><br>
    <label><strong class="empty1" style="padding: 58px;">18PHYL16/26 -
</strong></label>
    <input type="number" name="SEM" value="number"><br><br>
    <label><strong class="empty1" style="padding: 58px;">18ELEL17/27 -
</strong></label>
    <input type="number" name="SEM" value="number"><br><br>
    <label><strong class="empty1" style="padding:
18px;">18EGH18/28(ENGLISH) -</strong></label>
    <input type="number" name="SEM" value="number"><br><br>

    <input class="buttonSubmit" type="button" name="calculate"
value="Calculate" />
    <input class="buttonReset" name="reset" type="reset" value="Reset" />
    <br><br>
    <label><strong class="empty1">CGPA:</strong></label>
    <input type="text" name="CGPA" value="text" style="width: 50px">
    <label><strong class="empty1">Percentage:</strong></label>
    <input type="text" name="Percentage" value="text" style="width: 50px"><span
style="color: #fff">%</span><br><br>
    <br><br><br>
    <a class="sgpa1" href="cgpa.html"><span class=sgpa2>CGPA</span>
<span class="cal">Calculator</span></a>
    <br><br>
    <div class="downside">
    <p><strong>Click here to <a class="homeword"
href="index.html">Home.</a></strong></p>
    </div>
    <br>
  </body>
</html>

```

che.html

```
<!DOCTYPE html>
```

```

<html lang="en" dir="ltr">
  <head>
    <meta charset="utf-8">
    <title>VTU SGPA CALCULATOR</title>
    <link rel="stylesheet" href="cssp2/style.css">
    <link rel="icon" href="S favicon.ico">
  </head>
  <body>
    <h1 class="headding">(2018 SCHEME) <span
class="color">CHEMISTRY</span> GROUP<br><span class="color">1st &
2nd</span> SEM</h1>
    <br><hr>
    <center>
      <h2 class="headd3">SUBJECTS</h2>
      <label><strong class="empty1" style="padding: 80px;">18MAT11/21 -
</strong></label>
      <input type="number" name="SEM" value="number"><br><br>
      <label><strong class="empty1" style="padding: 82px;">18CHE12/22 -
</strong></label>
      <input type="number" name="SEM" value="number"><br><br>
      <label><strong class="empty1" style="padding: 84px;">18CPS13/23 -
</strong></label>
      <input type="number" name="SEM" value="number"><br><br>
      <label><strong class="empty1" style="padding: 84px;">18ELN14/24 -
</strong></label>
      <input type="number" name="SEM" value="number"><br><br>
      <label><strong class="empty1" style="padding: 88px;">18ME15/25 -
</strong></label>
      <input type="number" name="SEM" value="number"><br><br>
      <label><strong class="empty1" style="padding: 80px;">18CHEL16/26 -
</strong></label>
      <input type="number" name="SEM" value="number"><br><br>
      <label><strong class="empty1" style="padding: 88px;">18CPL17/27 -
</strong></label>
      <input type="number" name="SEM" value="number"><br><br>
      <label><strong class="empty1" style="padding:
42px;">18EGH18/28(ENGLISH) -</strong></label>
      <input type="number" name="SEM" value="number"><br><br>

      <input class="buttonSubmit" type="button" name="calculate"
value="Calculate" />

```

```

<input class="buttonReset" name="reset" type="reset" value="Reset" />
<br><br>
<label><strong class="empty1">CGPA:</strong></label>
<input type="" name="CGPA" value="" style="width: 50px">
<label><strong class="empty1">Percentage:</strong></label>
<input type="" name="Percentage" value="" style="width: 50px"><span
style="color: #fff">%</span><br><br>
<br><br><br>
<a class="sgpa1" href="cgpa.html"><span class=sgpa2>CGPA</span>
<span class="cal">Calculator</span></a>
<br><br>
<div class="downside">
<p><strong>Click here to <a class="homeword"
href="index.html">Home.</a></strong></p>
</div>
<br>
</body>
</html>

```

34sem.html

```

<!DOCTYPE html>
<html lang="en" dir="ltr">
<head>
<meta charset="utf-8">
<title>VTU SGPA CALCULATOR</title>
<link rel="stylesheet" href="cssp2/style.css">
<link rel="icon" href="S favicon.ico">
</head>
<body>
<h1 class="headding">(2018 SCHEME) <span class="color">3rd & 4th
SEM</span><br>(ALL BRANCH)</h1>
<br><hr>
<center>
<h2 class="headd4"><em>Enter the marks with respect to <span
class="subcode">subject code.</span></em></h2><br>
<label><strong class="empty1" style="padding: 50px;">18MAT31/41 -
</strong></label>
<input type="number" name="SEM" value="number"><br><br>
<label><strong class="empty1" style="padding: 60px;">18**32/41 -
</strong></label>

```

```

    <input type="number" name="SEM" value="number"><br><br>
    <label><strong class="empty1" style="padding: 60px;">18**33/43 -
</strong></label>
    <input type="number" name="SEM" value="number"><br><br>
    <label><strong class="empty1" style="padding: 60px;">18**34/44 -
</strong></label>
    <input type="number" name="SEM" value="number"><br><br>
    <label><strong class="empty1" style="padding: 60px;">18**35/45 -
</strong></label>
    <input type="number" name="SEM" value="number"><br><br>
    <label><strong class="empty1" style="padding: 60px;">18**36/46 -
</strong></label>
    <input type="number" name="SEM" value="number"><br><br>
    <label><strong class="empty1" style="padding: 55px;">18**L37/47 -
</strong></label>
    <input type="number" name="SEM" value="number"><br><br>
    <label><strong class="empty1" style="padding: 55px;">18**L38/48 -
</strong></label>
    <input type="number" name="SEM" value="number"><br><br>

    <input class="buttonSubmit" type="button" name="calculate"
value="Calculate" />
    <input class="buttonReset" name="reset" type="reset" value="Reset" />
    <br><br>
    <label><strong class="empty1">CGPA:</strong></label>
    <input type="" name="CGPA" value="" style="width: 50px">
    <label><strong class="empty1">Percentage:</strong></label>
    <input type="" name="Percentage" value="" style="width: 50px"><span
style="color: #fff">%</span><br><br>
    <br><br><br>
    <a class="sgpa1" href="cgpa.html"><span class=sgpa2>CGPA</span>
<span class="cal">Calculator</span></a>
    <br><br>
    <div class="downside">
    <p><strong>Click here to <a class="homeword"
href="index.html">Home.</a></strong></p>
    </div>
    <br>
</body>
</html>

```

5thsem.html

```

<!DOCTYPE html>
<html lang="en" dir="ltr">
  <head>
    <meta charset="utf-8">
    <title>VTU SGPA CALCULATOR</title>
    <link rel="stylesheet" href="cssp2/style.css">
    <link rel="icon" href="S favicon.ico">
  </head>
  <body>
    <h1 class="headding">(2018 SCHEME) <span class="color">5th
SEM</span><br>(ALL BRANCH)</h1>
    <br><hr>
    <center>
      <h2 class="headd4"><em>Enter the marks with respect to <span
class="subcode">subject code.</span></em></h2><br>
      <label><strong class="empty1" style="padding: 100px;">18**51 -
</strong></label>
      <input type="number" name="SEM" value="number"><br><br>
      <label><strong class="empty1" style="padding: 100px;">18**52 -
</strong></label>
      <input type="number" name="SEM" value="number"><br><br>
      <label><strong class="empty1" style="padding: 100px;">18**53 -
</strong></label>
      <input type="number" name="SEM" value="number"><br><br>
      <label><strong class="empty1" style="padding: 100px;">18**54 -
</strong></label>
      <input type="number" name="SEM" value="number"><br><br>
      <label><strong class="empty1" style="padding: 100px;">18**55 -
</strong></label>
      <input type="number" name="SEM" value="number"><br><br>
      <label><strong class="empty1" style="padding: 100px;">18**56 -
</strong></label>
      <input type="number" name="SEM" value="number"><br><br>
      <label><strong class="empty1" style="padding: 80px;">18**L57 Lab -
</strong></label>
      <input type="number" name="SEM" value="number"><br><br>
      <label><strong class="empty1" style="padding: 80px;">18**L58 Lab -
</strong></label>
      <input type="number" name="SEM" value="number"><br><br>

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```

<label><strong class="empty1" style="padding: 45px;">Environmental
Studies -</strong></label>
<input type="number" name="SEM" value="number"><br><br>

<input class="buttonSubmit" type="button" name="calculate"
value="Calculate" />
<input class="buttonReset" name="reset" type="reset" value="Reset" />
<br><br>
<label><strong class="empty1">CGPA:</strong></label>
<input type="" name="CGPA" value="" style="width: 50px">
<label><strong class="empty1">Percentage:</strong></label>
<input type="" name="Percentage" value="" style="width: 50px"><span
style="color: #fff">%</span><br><br>
<br><br><br>
<a class="sgpa1" href="cgpa.html"><span class=sgpa2>CGPA</span>
<span class="cal">Calculator</span></a>
<br><br>
<div class="downside">
<p><strong>Click here to <a class="homeword"
href="index.html">Home.</a></strong></p>
</div>
<br>
</body>
</html>

```

6thsem.html

```

<!DOCTYPE html>
<html lang="en" dir="ltr">
<head>
<meta charset="utf-8">
<title>VTU SGPA CALCULATOR</title>
<link rel="stylesheet" href="cssp2/style.css">
<link rel="icon" href="S favicon.ico">
</head>
<body>
<h1 class="headding">(2018 SCHEME) <span class="color">6th
SEM</span><br>(ALL BRANCH)</h1>
<br><hr>
<center>
<h2 class="headd4"><em>Enter the marks with respect to <span

```

```

class="subcode">subject code.</span></em></h2><br>
  <label><strong class="empty1" style="padding: 100px;">18**61 -
</strong></label>
  <input type="number" name="SEM" value="number"><br><br>
  <label><strong class="empty1" style="padding: 100px;">18**62 -
</strong></label>
  <input type="number" name="SEM" value="number"><br><br>
  <label><strong class="empty1" style="padding: 100px;">18**63 -
</strong></label>
  <input type="number" name="SEM" value="number"><br><br>
  <label><strong class="empty1" style="padding: 95px;">18**64* -
</strong></label>
  <input type="number" name="SEM" value="number"><br><br>
  <label><strong class="empty1" style="padding: 95px;">18**65* -
</strong></label>
  <input type="number" name="SEM" value="number"><br><br>
  <label><strong class="empty1" style="padding: 80px;">18**L66 Lab -
</strong></label>
  <input type="number" name="SEM" value="number"><br><br>
  <label><strong class="empty1" style="padding: 80px;">18**L67 Lab -
</strong></label>
  <input type="number" name="SEM" value="number"><br><br>
  <label><strong class="empty1" style="padding: 38px;">18**MP68 Mini-
Project -</strong></label>
  <input type="number" name="SEM" value="number"><br><br>

  <input class="buttonSubmit" type="button" name="calculate"
value="Calculate" />
  <input class="buttonReset" name="reset" type="reset" value="Reset" />
  <br><br>
  <label><strong class="empty1">CGPA:</strong></label>
  <input type="" name="CGPA" value="" style="width: 50px">
  <label><strong class="empty1">Percentage:</strong></label>
  <input type="" name="Percentage" value="" style="width: 50px"><span
style="color: #fff">%</span><br><br>
  <br><br><br>
  <a class="sgpa1" href="cgpa.html"><span class=sgpa2>CGPA</span>
<span class="cal">Calculator</span></a>
  <br><br>
  <div class="downside">
  <p><strong>Click here to <a class="homeword"

```

```
href="index.html">Home.</a></strong></p>
</div>
<br>
</body>
</html>
```

cgpa.html

```
<!DOCTYPE html>
<html lang="en" dir="ltr">
<head>
<meta charset="utf-8">
<title>VTU CGPA CALCULATOR</title>
<link rel="stylesheet" href="cssp2/style.css">
<link rel="icon" href="C favicon.ico">
</head>
<body>
<form action="cgpa_details" method="post">
<h1 class="headding"><strong>VTU <span class="sc"> CGPA</span>
<br>CALCULATOR</strong></h1>
<br><br>
<center>
<hr><br><br>
<a class=scheme2 href="calcgpa.html"><strong><span
class="year2">2018</span> <span
class="scheme3">SCHEME</span></strong></a>
<br><br><br><br>
<a class="sgpa1" href="sgpa.html"><span class=sgpa2>SGPA</span> <span
class="cal">Calculator</span></a>
<br><br><br>
<div class="downside">
<p><strong>Click here to <a class="homeword"
href="index.html">Home.</a></strong></p>
</div>
<br><br>
</form>
</body>
</html>
```

calcgpa.html

```

<!DOCTYPE html>
<html lang="en" dir="ltr">
  <head>
    <meta charset="utf-8">
    <title>VTU CGPA CALCULATOR</title>
    <link rel="stylesheet" href="cssp2/style.css">
    <link rel="icon" href="C favicon.ico">
  </head>
  <body>
    <h1 class="headding"><strong>(2018 SCHEME)<br>CGPA
    CALCULATOR</strong></h1>
    <br><br>
    <hr>
    <center>
      <h2 class="headd3">Enter 0 for Semesters not completed</h2>
      <label><strong class="empty1">SEM 1 -</strong></label>
      <input type="number" name="SEM" value="number"><br><br>
      <label><strong class="empty1">SEM 2 -</strong></label>
      <input type="number" name="SEM" value="number"><br><br>
      <label><strong class="empty1">SEM 3 -</strong></label>
      <input type="number" name="SEM" value="number"><br><br>
      <label><strong class="empty1">SEM 4 -</strong></label>
      <input type="number" name="SEM" value="number"><br><br>
      <label><strong class="empty1">SEM 5 -</strong></label>
      <input type="number" name="SEM" value="number"><br><br>
      <label><strong class="empty1">SEM 6 -</strong></label>
      <input type="number" name="SEM" value="number"><br><br>
      <label><strong class="empty1">SEM 7 -</strong></label>
      <input type="number" name="SEM" value="number"><br><br>
      <label><strong class="empty1">SEM 8 -</strong></label>
      <input type="number" name="SEM" value="number"><br><br>

      <input class="buttonSubmit" type="button" name="calculate"
value="Calculate" />
      <input class="buttonReset" name="reset" type="reset" value="Reset" />
      <br><br>
      <label><strong class="empty1">CGPA:</strong></label>
      <input type="text" name="CGPA" value="text" style="width: 50px">
      <label><strong class="empty1">Percentage:</strong></label>

```

```
<input type="" name="Percentage" value="" style="width: 50px"><span
style="color: #fff">%</span><br><br>
<br><br><br>
<a class="sgpa1" href="sgpa.html"><span class=sgpa2>SGPA</span>
<span class="cal">Calculator</span></a>
<br><br>
<div class="downside">
<p><strong>Click here to <a class="homeword"
href="index.html">Home.</a></strong></p>
</div>
<br>
</body>
</html>
```

about.html

```
<!DOCTYPE html>
<html lang="en" dir="ltr">
<head>
<meta charset="utf-8">
<title>AboutUs</title>
<link rel="stylesheet" href="cssp2/style.css">
<link rel="icon" href="A favicon.ico">
</head>
<body>
<div class="topsection">
<h1 class="headding">AboutUs</h1>
<center>
<p><strong>We the Students of Bachelor of Engineering have designed the
website to calculate VTU SGPA/CGPA grade.</strong></p>
</center>
<br>
</div>
<div class="middlesection">
<br>
<h2>Sunidhi Tavargeri</h2>
<p>Bachelor of Engineering in Computer Science<br>
sunidhitavargeri759@gmail.</p>
<br>
<h2>Srishti A Bulbule</h2>
<p>Bachelor of Engineering in Computer Science<br>
```

```
srishtiab01@gmail.</p>
<br>
<h2>Nandita D Nilange</h2>
<p>Bachelor of Engineering in Electronics and Communication<br>
nanditanilange@gmail.</p>
<br>
<br>
</div>
</body>
</html>
```

contact.html

```
<!DOCTYPE html>
<html lang="en" dir="ltr">
<head>
  <meta charset="utf-8">
  <title>Contact</title>
  <link rel="stylesheet" href="cssp2/style.css">
  <link rel="icon" href="C favicon.ico">
</head>
<body>

  <h1 class="headding">Contact</h1>
  <br><br>
  <p class="para">For any queries regarding the creation of the Site,
Advertisement or any other issues, Please feel free to contact Team-Techie or
mail us at <em><strong><span
class="name">sunidhitavarger759@gmail.com</span> or <span
class="name">srishtiab01@gmail.com</span></strong></em></p>
  <br><br><br><br>
  <center>
    <div class="downside">
      <p><strong>Click here to <a class="homeword"
href="index.html">Home.</a></strong></p>
    </div>
  </body>
</html>
```

style.css

```
.nav-link1 {
  color: #fff;
  font-family: cursive;
}

.nav-link1:hover {
  text-decoration: none;
  color: #8CA1A5;
}

.navbar-nav > li > .dropdown-menu { background-color: #000000;}
.navbar-nav > li > .dropdown-menu a{ color: #fff;}
.navbar-nav > li > .dropdown-menu a:hover { color: #444941;}

.navbar-brand {
  height: 80px;
  width: 120px;
  padding-left: 50px;
}

.nav-item {
  margin-right: 40px;
}

body {
  background-image: url("../snapshots/cover-img.jpg");
  background-size: cover;
}

.headd2 {
  text-align: center;
  color: #F7F6F2;
  font-family: sans-serif;
  font-size: 20px;
}

.heading {
  color: #FFB319;
  font-family: 'Merriweather' , serif;
```

```
font-size: 80px;
font-weight: 600;
text-align: center;
padding-top: 80px;
line-height: 1.5;
}
```

```
.headd3 {
text-align: center;
color: #CDBBA7;
font-family: cursive;
font-size: 30px;
font-weight: 500;
}
```

```
hr {
border-style: none;
border-top-style: dotted;
border-color: #A0937D;
border-width: 5px;
width: 5%;
margin: 30px auto;
}
```

```
.sem {
color: #FFB319;
font-family: cursive;
font-size: 40px;
font-weight: 500;
}
```

```
.sc {
color: #95DAC1;
}
```

```
.signup {
color: #C67ACE;
text-decoration: none;
font-family: serif;
font-size: 30px;
padding-right: 50px;
}
```



```
}
```

```
.signup:hover {  
  color: #FF6701;  
  text-decoration: none;  
}
```

```
.sgpa {  
  color: #9EDE73;  
  text-decoration: none;  
  font-family: serif;  
  font-size: 30px;  
}
```

```
.sgpa:hover {  
  color: #E3D18A;  
  text-decoration: none;  
}
```

```
.cgpa {  
  color: #9EDE73;  
  text-decoration: none;  
  font-family: serif;  
  font-size: 30px;  
}
```

```
.cgpa:hover {  
  color: #E3D18A;  
  text-decoration: none;  
}
```

```
.signpage {  
  background: #fff;  
  font-family: sans-serif;  
  font-size: 20px;  
  padding: 50px 50px 50px 50px;  
  box-shadow: 1px 1px 2px rgba(0, 0, 0.125);  
  margin: 20px auto;  
  max-width: 300px;  
  width: 100%;  
}
```

```
.leftspace{  
  padding-left: 0px;  
  padding-right: 15px;  
}
```

```
.space{  
  padding-right: 10px;  
}
```

```
input[type="text"] {  
  height: 20px;  
  width: 200px;  
}
```

```
input[type="email"] {  
  height: 20px;  
  width: 200px;  
}
```

```
.empty {  
  padding-right: 15px;  
}
```

```
.btn {  
  background-color: #3D84B8;  
  border: none;  
  border-radius: 8px;  
  color: white;  
  font-family: sans-serif;  
  font-size: 20px;  
  padding: 10px 20px;  
  text-decoration: none;  
  margin: 4px 2px;  
  cursor: pointer;  
}
```

```
.downside {  
  color: #fff;  
  font-family: sans-serif;  
  font-size: 25px;
```

```
}
```

```
.homeword {  
  color: #CDC733;  
  text-decoration: none;  
}
```

```
.homeword:hover {  
  color: #FBACCC;  
  text-decoration: none;  
}
```

```
.year {  
  color: #B5DEFF;  
  font-family: 'Montserrat' , sans-serif;  
  font-size: 40px;  
  font-weight: 600;  
}
```

```
.scheme {  
  color: #F2BB7B;  
  font-family: 'Montserrat' , sans-serif;  
  font-size: 40px;  
  font-weight: 600;  
}
```

```
.h4 {  
  color: #FFFEB7;  
  font-family: cursive;  
  margin-top: 0px;  
}
```

```
.semester {  
  text-decoration: none;  
  box-shadow: inset 0 0px 0 white, inset 0 -1px 0 #EFB7b7;  
  font-family: cursive;  
  font-size: 20px;  
  font-weight: 600;  
  color: #F3EFCC;  
  line-height: 1.5;
```

```
    cursor: pointer;
}

.cycle {
    color: #FD6F96;
    font-size: 15px;
}

.group {
    font-size: 15px;
}

.new {
    color: #FF2626;
}

.num {
    color: #6ECB63;
}

.scheme1 {
    color: #F6D167;
}

.scheme2 {
    text-decoration: none;
    box-shadow: inset 0 0px 0 white, inset 0 -1px 0 #EFB7b7;
    cursor: pointer;
    font-family: cursive;
    font-size: 40px;
    font-weight: 700;
}

.year2 {
    color: #F8485E;
}

.year2:hover {
    color: #FDD2BF;
}
```

```
.scheme3 {  
  color: #0CECDD;  
}  
  
.scheme3:hover {  
  color:#F2BB7B;  
}  
  
.sgpa1 {  
  text-decoration: none;  
  box-shadow: inset 0 0px 0 white, inset 0 -1px 0 #EFB7b7;  
  cursor: pointer;  
  font-family: cursive;  
  font-size: 25px;  
  font-weight: 600;  
  color: #F6D167;  
}  
  
.sgpa1:hover {  
  color:#38A3A5;  
}  
  
.para {  
  color: #fff;  
  font-family: 'Montserrat' , sans-serif;  
  font-size: 18px;  
  font-weight: 500;  
  line-height: 2;  
  padding: 0px 20px 0px 40px;  
}  
  
.name {  
  font-family: cursive;  
  color: #E63E6D;  
  text-decoration: underline;  
}  
  
.topsection {  
  background-color: #F0E5CF;  
  color: #055052;  
  font-family: cursive;
```

```
font-size: 20px;  
line-height: 2;  
font-weight: 500;  
padding: 10px 20px 30px 30px;  
}
```

```
.middlesection {  
  color: #9DDAC6;  
  text-align: center;  
  font-family: cursive;  
  font-size: 20px;  
  font-weight: 500;  
}
```

```
.empty1 {  
  color: #fff;  
  font-family: cursive;  
}
```

```
.buttonSubmit {  
  background-color: #4CAF50;  
  border: none;  
  color: #fff;  
  padding: 15px 32px;  
  text-align: center;  
  text-decoration: none;  
  display: inline-block;  
  font-size: 18px;  
  margin: 4px 2px;  
}
```

```
.buttonReset {  
  background-color: #FF2626;  
  border: none;  
  color: #fff;  
  padding: 15px 32px;  
  text-align: center;  
  text-decoration: none;  
  display: inline-block;  
  font-size: 18px;  
  margin: 4px 2px;
```

```
}
```

```
.color {  
  color: #6ECB63;  
}
```

```
.headd4 {  
  font-size: 20px;  
  color: #CDBBA7;  
  font-family: cursive;  
  text-decoration: underline;  
}
```

```
.subcode {  
  color: #6ECB63;  
  text-decoration: underline;  
}
```

```
.copyright {  
  color: #F9F9F9;  
  padding: 30px 0 20px;  
}
```

```
.bottom-container {  
  text-align: center;  
  background-color: #000000;  
  padding: 30px 0 10px 0;  
}
```

details_entry.php

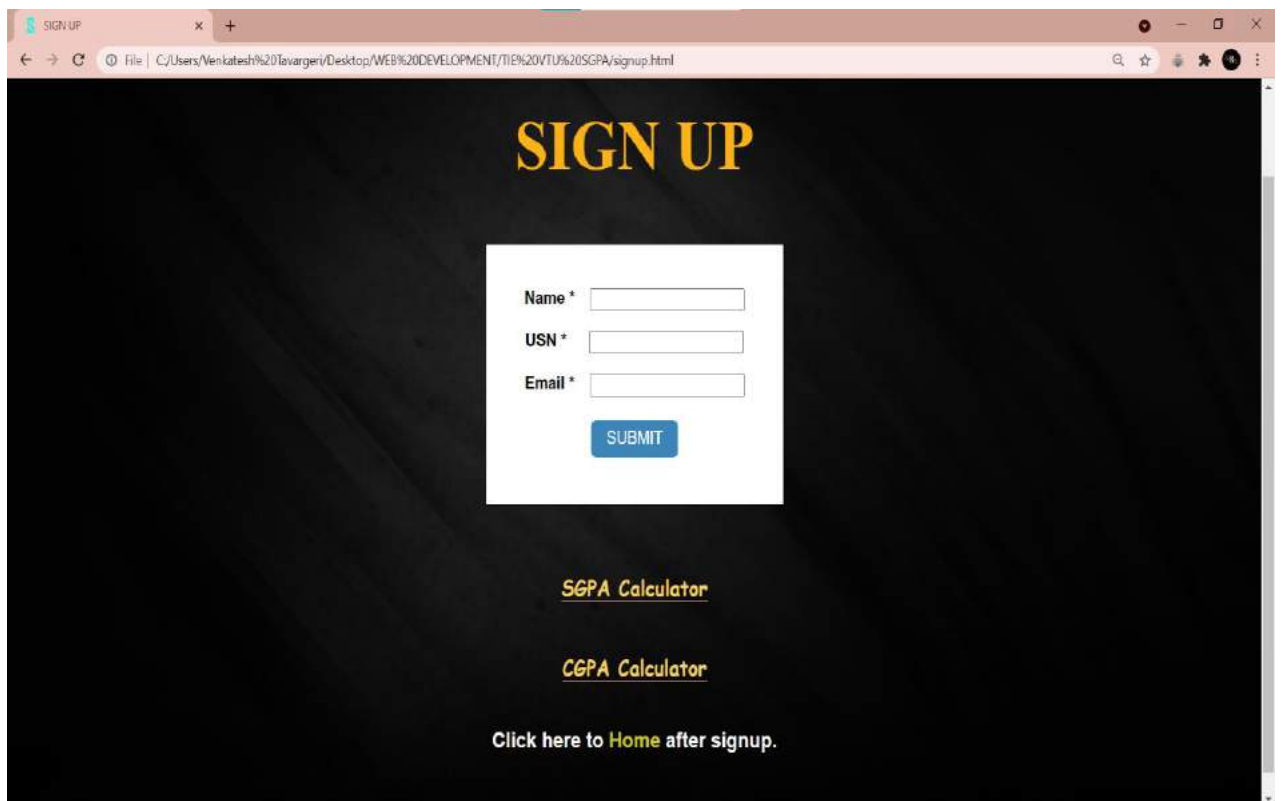
```
<?php  
$server_name="localhost";  
$username="root";  
$usn="";  
$database_name="signup2";  
  
$conn=mysqli_connect($server_name,$username,$usn,$database_name);  
if(!$conn)  
{  
  die("Connection Failed:" . mysqli_connect_error());  
}
```

```
if(isset($_POST['save']))
{
    $name = $_POST['name'];
    $usn = $_POST['usn'];
    $email = $_POST['email'];

    $sql_query="INSERT INTO user_details (name,usn,email)
    VALUES ('$name','$usn','$email')";

    if (mysqli_query($conn, $sql_query))
    {
        echo "New Details Entry inserted successfully !";
    }
    else
    {
        echo "Error: " . $sql . " " . mysqli_error($conn);
    }
    mysqli_close($conn);
}
?>
```


SNAPSHOTS



The screenshot shows the homepage of the VTU SGPA CALCULATOR. The browser's address bar displays the file path: C:\Users\Venkatesh%20Tavargeri\Desktop\WEB%20DEVELOPMENT\TIE%20VTU%20SGPA\sgpa.html. The page has a dark background with a subtle geometric pattern. The main heading is "VTU SGPA CALCULATOR" in large, bold, yellow and green letters. Below it, a prompt says "Choose your SEMESTER" followed by a horizontal line of dots. The "2018 Scheme" is highlighted in green. A note specifies "For students who admitted in the year 2016/2017". A list of semester options is provided: "1st and 2nd SEM" (with "PHYSICS-GROUP" in red), "1st and 2nd SEM" (with "CHEMISTRY-GROUP" in red), "3rd and 4th SEM" (with "(ALL BRANCHES)" in red), "5th SEM" (with "(ALL BRANCHES)" in red), and "(new) 6th SEM" (with "(ALL BRANCHES)" in red). A link for "CGPA Calculator" is at the bottom, along with a "Click here to Home." link.

VTU SGPA CALCULATOR

Choose your SEMESTER

2018 Scheme

For students who admitted in the year 2016/2017

1st and 2nd SEM
PHYSICS-GROUP

1st and 2nd SEM
CHEMISTRY-GROUP

3rd and 4th SEM
(ALL BRANCHES)

5th SEM
(ALL BRANCHES)

(new) 6th SEM
(ALL BRANCHES)

CGPA Calculator

Click here to Home.

The screenshot shows the calculator page for the (2018 SCHEME) PHYSICS GROUP 1st & 2nd SEM. The browser's address bar displays the file path: C:\Users\Venkatesh%20Tavargeri\Desktop\WEB%20DEVELOPMENT\TIE%20VTU%20SGPA\phy.html. The page has a dark background with a subtle geometric pattern. The main heading is "(2018 SCHEME) PHYSICS GROUP" in large, bold, yellow and green letters, followed by "1st & 2nd SEM" in green. Below this is a horizontal line of dots and the heading "SUBJECTS". A list of subjects with their codes is provided, each followed by a white input field: "18MAT11/21", "18PHY12/22", "18ELE13/23", "18CV14/24", "18EGDL15/25", "18PHY16/26", "18EEL17/27", and "18EGH18/28(ENGLISH)". Below the input fields are "Calculate" and "Reset" buttons. At the bottom, there are input fields for "CGPA:" and "Percentage:" followed by a percentage sign. A link for "CGPA Calculator" is at the bottom, along with a "Click here to Home." link.

(2018 SCHEME) PHYSICS GROUP

1st & 2nd SEM

SUBJECTS

18MAT11/21 -

18PHY12/22 -

18ELE13/23 -

18CV14/24 -

18EGDL15/25 -

18PHY16/26 -

18EEL17/27 -

18EGH18/28(ENGLISH) -

Calculate Reset

CGPA: Percentage: %

CGPA Calculator

Click here to Home.

VTU SGPA CALCULATOR

File | C:/Users/Venkatesh%20Tavargeni/Desktop/WEB%20DEVELOPMENT/11E%20VTU%20SGPA/che.html

(2018 SCHEME) CHEMISTRY GROUP

1st & 2nd SEM

SUBJECTS

18MAT11/21 -	<input type="text"/>
18CHE12/22 -	<input type="text"/>
18CHE13/23 -	<input type="text"/>
18ELN14/24 -	<input type="text"/>
18ME15/25 -	<input type="text"/>
18CHE16/26 -	<input type="text"/>
18PL17/27 -	<input type="text"/>
18EGH18/28(ENGLISH) -	<input type="text"/>

CGPA: Percentage: %

[CGPA Calculator](#)

[Click here to Home.](#)

VTU SGPA CALCULATOR

File | C:/Users/Venkatesh%20Tavargeni/Desktop/WEB%20DEVELOPMENT/11E%20VTU%20SGPA/34sem.html

(2018 SCHEME) 3rd & 4th SEM

(ALL BRANCH)

Enter the marks with respect to subject code

18MAT31/41 -	<input type="text"/>
18**32/41 -	<input type="text"/>
18**33/43 -	<input type="text"/>
18**34/44 -	<input type="text"/>
18**35/45 -	<input type="text"/>
18**36/46 -	<input type="text"/>
18**L37/47 -	<input type="text"/>
18**L38/48 -	<input type="text"/>

CGPA: Percentage: %

[CGPA Calculator](#)

[Click here to Home.](#)

VTU SGPA CALCULATOR

File | C:/Users/Venkatesh%20Tavargeri/Desktop/WEB%20DEVELOPMENT/TIE%20VTU%20SGPA/5thsem.html

(2018 SCHEME) 5th SEM (ALL BRANCH)

Enter the marks with respect to subject code.

18**31 -	<input type="text"/>
18**52 -	<input type="text"/>
18**53 -	<input type="text"/>
18**54 -	<input type="text"/>
18**55 -	<input type="text"/>
18**56 -	<input type="text"/>
18**L57 Lab -	<input type="text"/>
18**L58 Lab -	<input type="text"/>
Environmental Studies -	<input type="text"/>

CGPA: Percentage: %

[CGPA Calculator](#)

[Click here to Home.](#)

VTU SGPA CALCULATOR

File | C:/Users/Venkatesh%20Tavargeri/Desktop/WEB%20DEVELOPMENT/TIE%20VTU%20SGPA/6thsem.html

(2018 SCHEME) 6th SEM (ALL BRANCH)

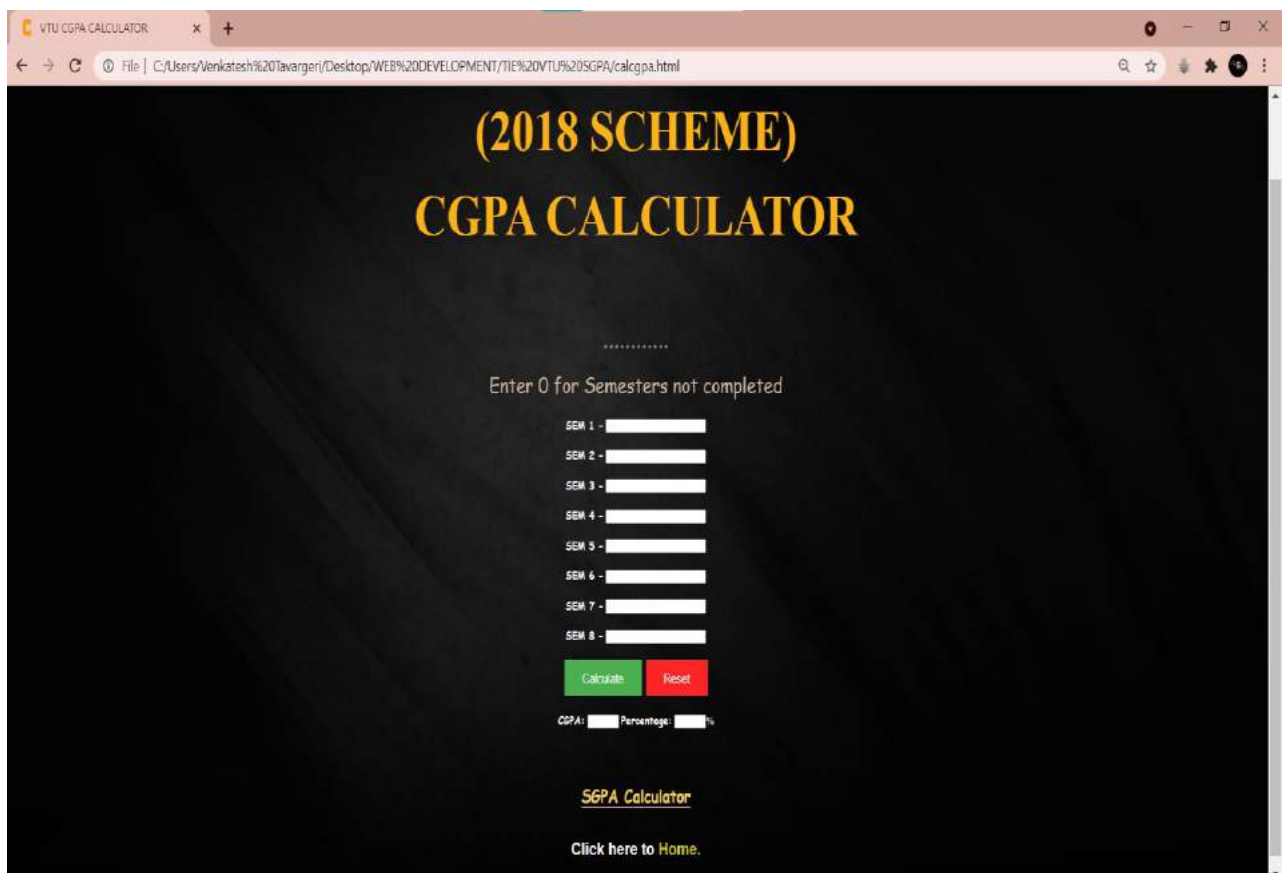
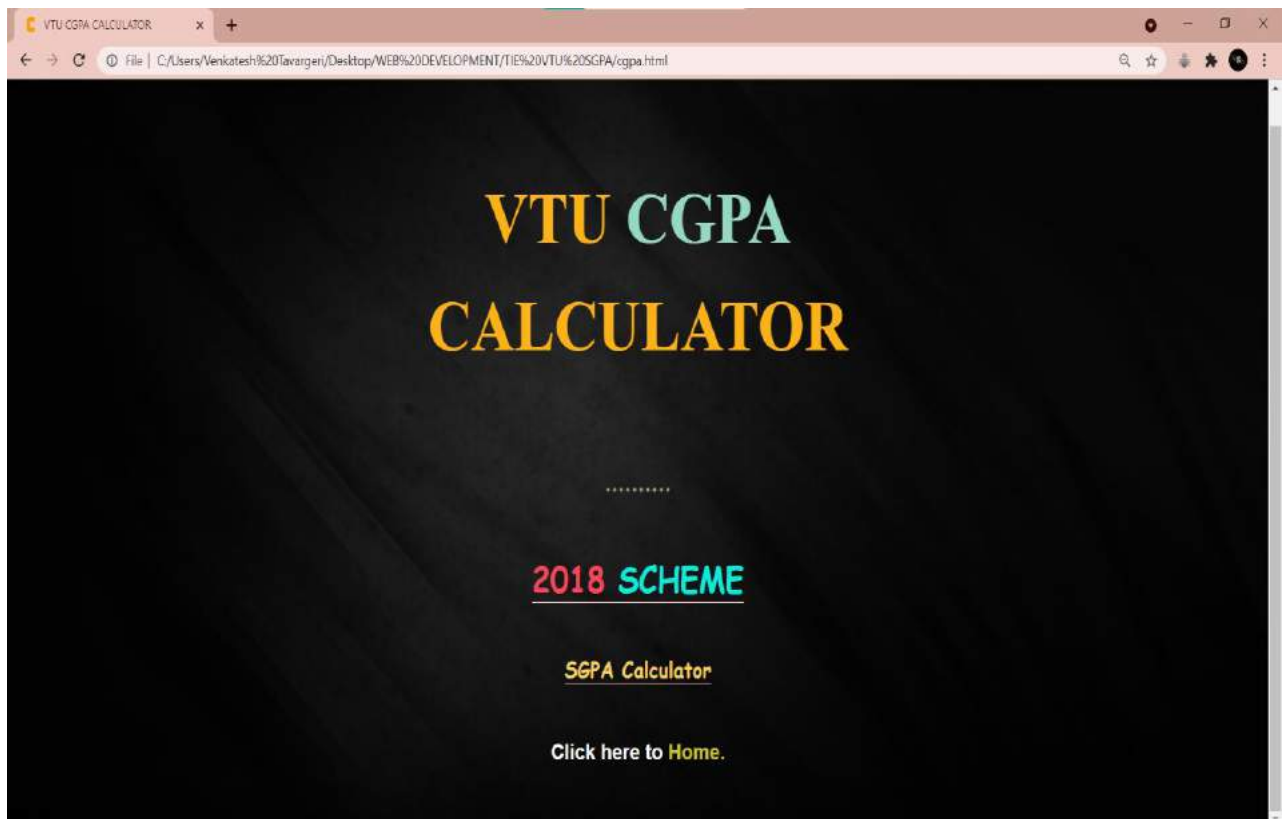
Enter the marks with respect to subject code.

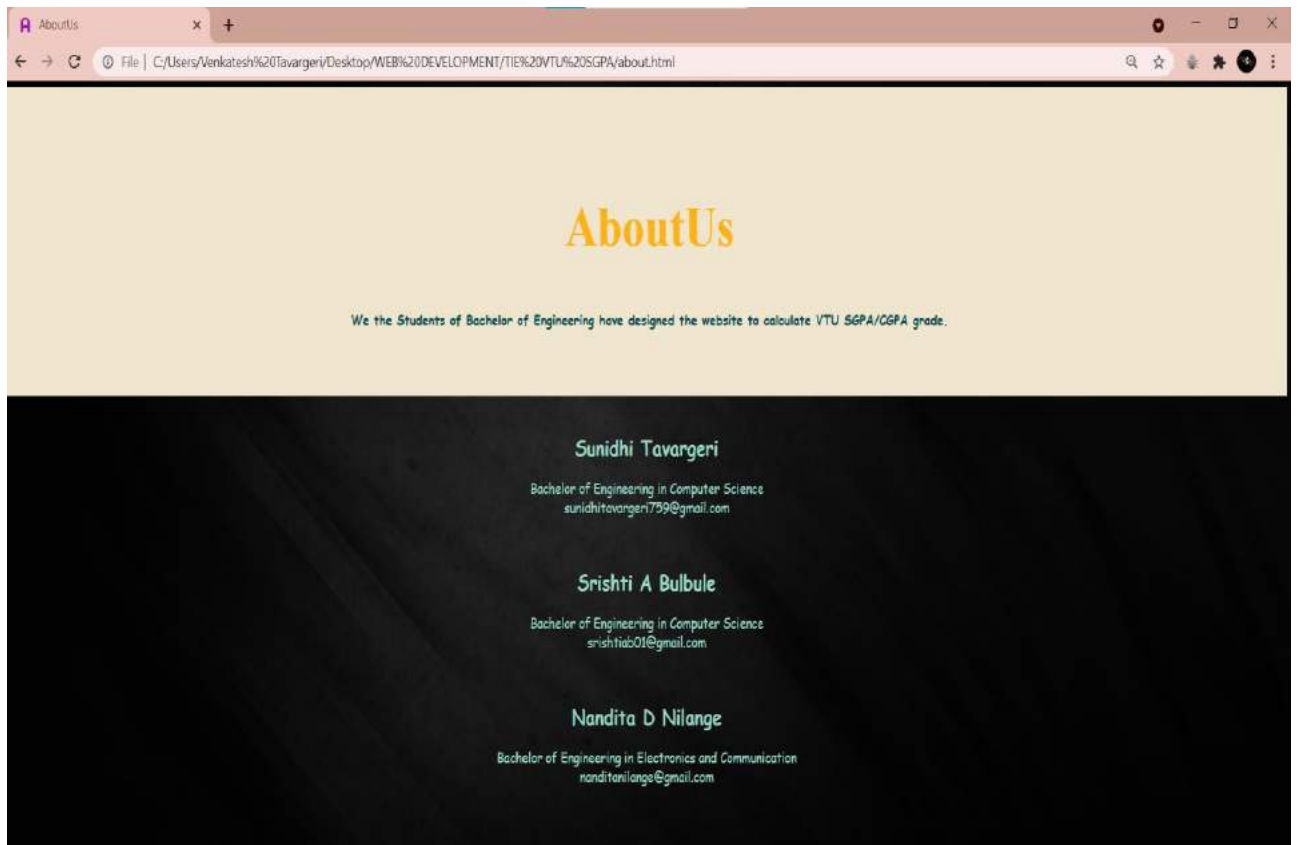
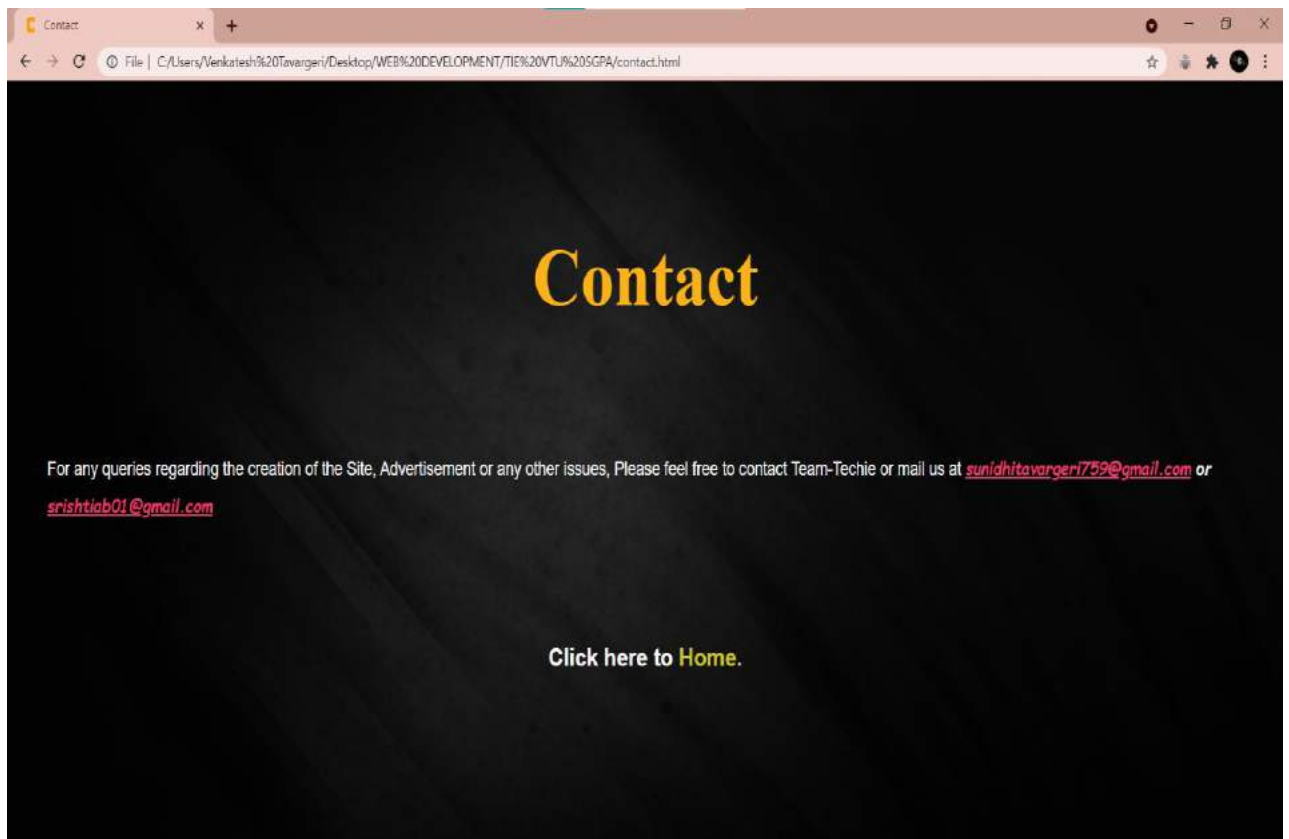
18**61 -	<input type="text"/>
18**62 -	<input type="text"/>
18**63 -	<input type="text"/>
18**64* -	<input type="text"/>
18**65* -	<input type="text"/>
18**L66 Lab -	<input type="text"/>
18**L67 Lab -	<input type="text"/>
18**MP68 Mini-Project -	<input type="text"/>

CGPA: Percentage: %

[CGPA Calculator](#)

[Click here to Home.](#)






BIBILOGRAPHY

- <https://www.w3schools.com/>
- <https://colorhunt.co/>
- <https://youtu.be/16wcGN1SKzo>

ABOUT MY TEAM

 Website designed by,

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Srishti A Bulbule

Nandita D Nilange