

# GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA

## DEPARTMENT OF INFORMATION TECHNOLOGY

WEB TECHNOLOGIES

FOURTH SEMESTER

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Submitted By:

Lokesh Dhingra (1905359)

Submitted to:

Ms. Hanit Kaur

**Department of Information Technology,  
Guru Nanak Dev Engineering College  
Ludhiana-141106**

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## Practical 1

**Aim:** Create a simple web pages by writing HTML using a simple text editor, notepad. Demonstrate the following components of the web page: Page title and headings Paragraph and inline images

**Code:**

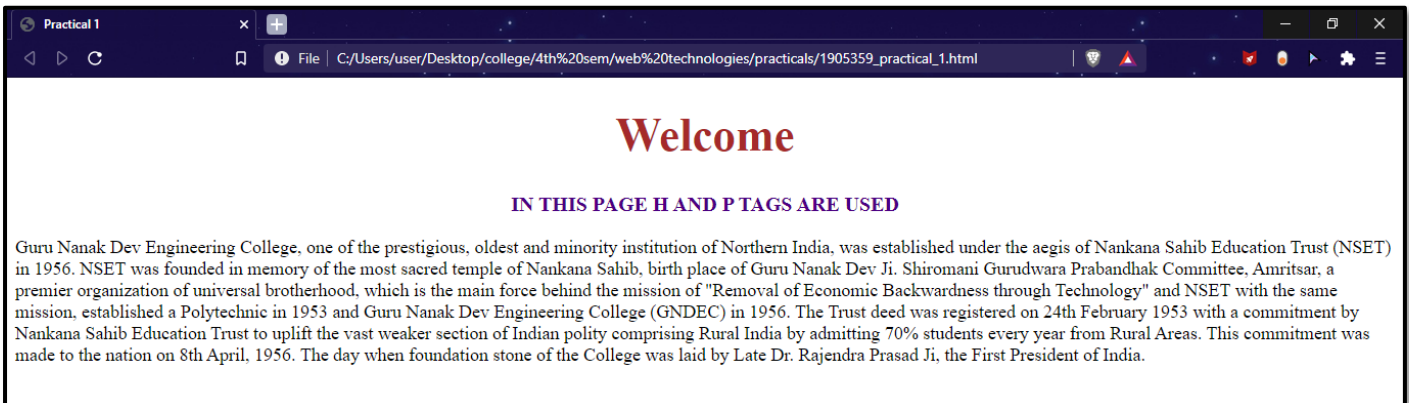
### HTML CODE

```
<!DOCTYPE html>
<html>
<head>
  <title>Practical 1</title>

</head>
<body>
<h1 style=" font-weight: bold;
font-size: 45px;
color:brown; text-align: center; text-decoration: none;">
  Welcome
</h1>

<h3 style=" font-weight: bold;
font-size: 20px;
color:indigo; text-align: center; text-decoration: none; text-
transform: uppercase;">IN THIS PAGE h and p tags are used</h3>
<p>
Guru Nanak Dev Engineering College, one of the prestigious, oldest and minority institutio
n of Northern India, was established under the aegis of Nankana Sahib Education Trust (NSE
T) in 1956. NSET was founded in memory of the most sacred temple of Nankana Sahib, birth p
lace of Guru Nanak Dev Ji. Shiromani Gurudwara Prabandhak Committee, Amritsar, a premier o
rganization of universal brotherhood, which is the main force behind the mission of "Remov
al of Economic Backwardness through Technology" and NSET with the same mission, establishe
d a Polytechnic in 1953 and Guru Nanak Dev Engineering College (GNDEC) in 1956. The Trust
deed was registered on 24th February 1953 with a commitment by Nankana Sahib Education Tru
st to uplift the vast weaker section of Indian polity comprising Rural India by admitting
70% students every year from Rural Areas. This commitment was made to the nation on 8th Ap
ril, 1956. The day when foundation stone of the College was laid by Late Dr. Rajendra Pras
ad Ji, the First President of India.
</p>
</body>
</html>
```

### OUTPUT-



## Practical 2

**Aim:** Demonstrate the use of links, lists, and tables in html. You should be able to link separate pages and create named links within a document, using them to build a “table of contents”.

**Code:**

### HTML CODE MAIN PAGE

```
<!DOCTYPE html>
<html>
<head>
  <title>Practical 2</title>

  <link rel="stylesheet" type="text/css" href="1905359_practical_2.css">
</head>
<body>
  <h1>GURU NANAK DEV ENGINEERING COLLEGE</h1>
  <p><b>Guru Nanak Dev Engineering college has a lot of branches like Computer science d
  epartment , Information Technology Department and Production Engineering deparment.</p>
  <table>
    <tr>
      <th>Departments</th>
      <th>Head of Department</th>
      <th>Subjects</th>
    </tr>
    <tr>
      <td>Computer science</td>
      <td>Dr. Parminder Singh</td>
      <td><a href="1905359_practical_2_cse.html" target="_blank">Computer Science Depart
ment</a></td>
    </tr>
    <tr>
      <td>Information Technology</td>
      <td>Dr. Kulvinder Singh Mann</td>
      <td><a href="1905359_practical_2_it.html" target="_blank">Information Technology</
a></td>
    </tr>
    <tr>
      <td>Mechanical Engineering</td>
      <td>Dr. Paramjit Singh Bilga</td>
      <td><a href="1905359_practical_2_mechanical.html" target="_blank">Mechanical Depar
tment</a></td>
    </tr>
  </table>
  <h2>SUBJECTS OF COMPUTER SCIENCE</h2>
  <ol>
    <li>DIGITAL CIRCUIT</li>
    <li>DATA COMMUNICATION</li>
    <li>DATA STRUCTURES</li>
  </ol>
  <h2>SUBJECTS OF INFORMATION TECHNOLOGY</h2>
  <ol>
```

```

<li>COMPUTER ARCHICTECTURE</li>

<li>PROBABILITY AND STATISTICS</li>
<li>OPERATING SYSTEMS</li>
</ol>
<h2>SUBJECTS OF MECHANICAL ENGINEERING</h2>
<ol>
  <li>THEORY OF MACHINE</li>
  <li>MODERN MANUFACTURING</li>
  <li>APPLIED THERMODYNAMICS</li>
</ol>

</body>
</html>

```

## HTML CODE MECHANICAL ENGINEERING DEPARTEMENT

```

<!DOCTYPE html>
<html>
<head>
  <title>Practical 2 Mechanical department</title>

</head>
<body>
<h1 style=" font-weight: bold;
font-size: 45px;
color:brown; text-align: center; text-decoration: none;">
  Welcome To Mechanical Department
</h1>

<p>
  Department of Mechanical Engineering was established in 1957. Since its inception, the
  department has contributed in a big way to the society by providing technical manpower fo
  r various fields in India and abroad. Around 4000 graduates and 300 post graduates from th
  e department are settled in very good positions all over the Globe. At present, the depart
  ment is proud to get best merit students in the region. The faculty of the department cont
  inues to provide new frontiers of technical knowledge to the students by imparting quality
  education and research. The UG course is keeping pace with the latest developments in eng
  ineering education. Courses offered by the department are AICTE approved. Presently, Dr. P
  aramjit Singh Bilga is Head of Department.
</p>

</body>
</html>

```

## HTML CODE INFORMATION TECHNOLOGY DEPARTMENT

```
<!DOCTYPE html>
<html>
<head>
  <title>Practical 2 IT department</title>

</head>
<body>
<h1 style=" font-weight: bold;
font-size: 45px;
color:brown; text-align: center; text-decoration: none;">
  Welcome To Information Technology Department
</h1>

<p>
  This Department was established in 2001. The mission of the Department of Information
  Technology is to impart high quality post graduate and under-
  graduate education and carry out leading-
  edge research in the discipline of Information Technology. The department currently runs a
  cademic program leading to the award of B.Tech. in Information Technology degree of Punjab
  Technical University Jalandhar. The Department has various laboratories equipped with sta
  te-of-the-
  art computing facilities to support the research and teaching activities. A library with a
  lot of books on Information Technology for the exclusive use of the faculty and students
  is located in the premises of the Department. At present Dr. Kiran Jyoti is Head of the De
  partment.
</p>

</body>
</html>
```

## HTML CODE COMPUTER SCIENCE DEPARTMENT

```
<!DOCTYPE html>
<html>
<head>
  <title>Practical 2 CSE department</title>

</head>
<body>
<h1 style=" font-weight: bold;
font-size: 45px;
color:brown; text-align: center; text-decoration: none;">
  Welcome To Computer Science and Engineering Department
</h1>

<p>
  Department of Computer Science and Engineering is established in year 1997. Department
  is offering B.Tech. and M.Tech. programs in Computer Science and Engineering. Laboratorie
  s of the department are equipped with state of the art infrastructure to cater course work
```

and research activities. A Good number of books is available in departmental library for prompt access to students and faculty members. Under academic autonomy, study schemes of the offered programs are updated regularly focusing outcome based education, to make students employable as per national and international requirements. Graduates of the department are serving around the globe in eminent companies, academia, as well as in public sector. They are bringing laurel to the department by excelling in fields of their work. Every year a good number of students are clearing different competitive exams.

</p>

</body>

</html>

## CSS CODE MAIN PAGE

```
table, th, td{
    border: 3px solid black;
    text-align: center;
    vertical-align: bottom;
    text-decoration: none;
}
td{
    height: 40px;
}
h2{
    font-size: 18px;
    font-weight: bold;
    color: brown;
}
```

## OUTPUT-

Guru Nanak Dev Engineering college has a lot of branches like Computer science department , Information Technology Department and Production Engineering department.

Departments	Head of Department	Subjects
Computer science	Dr. Parminder Singh	<a href="#">Computer Science Department</a>
Information Technology	Dr. Kulvinder Singh Mann	<a href="#">Information Technology</a>
Mechanical Engineering	Dr. Paramjit Singh Bilga	<a href="#">Mechanical Department</a>

**SUBJECTS OF COMPUTER SCIENCE**

1. DIGITAL CIRCUIT
2. DATA COMMUNICATION
3. DATA STRUCTURES

**SUBJECTS OF INFORMATION TECHNOLOGY**

1. COMPUTER ARCHICECTURE
2. PROBABILITY AND STATISTICS
3. OPERATING SYSTEMS

**SUBJECTS OF MECHANICAL ENGINEERING**

1. THEORY OF MACHINE
2. MODERN MANUFACTURING
3. APPLIED THERMODYNAMICS

Activate Windows

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## Welcome To Information Technology Department

This Department was established in 2001. The mission of the Department of Information Technology is to impart high quality post graduate and under-graduate education and carry out leading-edge research in the discipline of Information Technology. The department currently runs academic program leading to the award of B. Tech. in Information Technology degree of Punjab Technical University Jalandhar. The Department has various laboratories equipped with state-of-the-art computing facilities to support the research and teaching activities. A library with a lot of books on Information Technology for the exclusive use of the faculty and students is located in the premises of the Department. At present Dr. Kiran Jyoti is Head of the Department.

## Welcome To Mechanical Department

Department of Mechanical Engineering was established in 1957. Since its inception, the department has contributed in a big way to the society by providing technical manpower for various fields in India and abroad. Around 4000 graduates and 300 post graduates from the department are settled in very good positions all over the Globe. At present, the department is proud to get best merit students in the region. The faculty of the department continues to provide new frontiers of technical knowledge to the students by imparting quality education and research. The UG course is keeping pace with the latest developments in engineering education. Courses offered by the department are AICTE approved. Presently, Dr. Paramjit Singh Bilga is Head of Department.



## Practical 3

**Aim:** Create a simple forms in HTML and demonstrate the use of various form elements like input box, textarea, submit and radio buttons etc.

**Code:**

### HTML CODE

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

<head>
  <link rel="stylesheet" href="1905359_practical_3.css" type="text/css">
  <title>Practical 3</title>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
</head>

<body>
  <div class="form1">
    <form>
      <fieldset>
        <legend><span class="number">1</span>Candidate Info</legend>
        <input type="text" name="field1" placeholder="Your Name * "><br>
        <input type="email" name="field3" placeholder="Your Email * "><br>

        <label>Gender: </label>
        <label for="male"><span><input type="radio" id="male" name="gender" value="male">Male</span></label>
        <label for="female"><span><input type="radio" id="female" name="gender" value="female">Female</span></label>
        <label for="other"><span><input type="radio" id="other" name="gender" value="other">Other</span></label>
        <textarea name="field3" placeholder="Describe Yourself"></textarea><br>
        <label for="job">Interests: </label>
        <select name="field4" id="job">
          <optgroup label="Indoors">
            <option value="Fishkeeping">Fishkeeping</option>
            <option value="Reading">Reading</option>
            <option value="Boxing">Boxing</option>
            <option value="Debate">Debate</option>
            <option value="Gaming">Gaming</option>
            <option value="Snooker">Snooker</option>
            <option value="Other_indoor">Other</option>
          </optgroup>
          <optgroup label="Outdoors">
            <option value="Football">Football</option>
            <option value="Swimming">Swimming</option>
            <option value="Fishing">Fishing</option>
            <option value="Climbing">Climbing</option>
            <option value="Cycling">Cycling</option>
          </optgroup>
        </select>
      </fieldset>
    </form>
  </div>
</body>
</html>
```

```

        <option value="Other_indoor">Other</option>
    </optgroup>
</select>
</fieldset>
<fieldset>
    <legend><span class="number">2</span>Candidate Info</legend>
    <textarea name="field3" placeholder="About Your school: "></textarea>
</fieldset>
    <input type="submit" value="Submit">
</form>
</div>
</body>
</html>

```

## CSS CODE

```

.form1{
    max-width: 500px;
    padding: 10px 20px;
    background:lightgoldenrodyellow;
    margin: 50px 500px;
    padding: 20px;
    border-radius: 8px;
    font-family: Georgia, 'Times New Roman', Times, serif;
}
.form1 fieldset{
border:2px solid crimson;
}
.form1 legend{
    font-size: 1.4em;
    margin-bottom: 10px;
}
.form1 label{
    display: block;
    margin-bottom: 8px;
}
.form1 input[type="text"],
.form1 input[type="email"],
.form1 input[type="date"],
.form1 input[type="datetime"],
.form1 input[type="number"],
.form1 input[type="search"],
.form1 input[type="url"],
.form1 input[type="time"]
{

```

```

font-family: Georgia, 'Times New Roman', Times, serif;
background:gainsboro;
border: 1px darkblue solid;
border-radius: 4px;
font-size: 15px;
margin-bottom: 10px;
outline:teal;
padding-left: 5px;
margin-left: 2px;
padding: 10px;
width: 100%;
box-sizing: border-box;
-webkit-box-sizing: border-box;
-moz-box-sizing: border-box;
background-color: whitesmoke;
align-items: center;
}
.form1 input[type="text"]:focus,
.form1 input[type="email"]:focus,
.form1 input[type="date"]:focus,
.form1 input[type="datetime"]:focus,
.form1 input[type="number"]:focus,
.form1 input[type="search"]:focus,
.form1 input[type="url"]:focus,
.form1 input[type="time"]:focus
.form1 textarea:focus,
.form1 select:focus{
    background-color: gainsboro;
}

.form1 select{
    -webkit-appearance: menulist-button;
    height: 35px;
}

.form1 .number{
    background:teal;
    color:whitesmoke;
    height: 30px;
    width: 30px;
    display: inline-block;
    font-size: 0.8em;
    margin-right: 4px;
    line-height: 30px;
    text-align: center;
    text-shadow: 0 1px 0 rgba(255, 255, 255, 0.2);
    border-radius: 15px 15px 15px 0;
}

.form1 input[type="submit"],

```

```

.form1 input[type="button"]{
  position: relative;
  display: block;
  padding: 19px 39px 18px 39px;
  color:cornsilk;
  color:maroon;
  margin: 20px auto;
  border-radius: 4px;
  background: mintcream;
  font-size: 18px;
  text-align: center;
  font-style:normal;
  font-weight: bold;
  width: 100%;
  border: 1px darkslategrey solid;
  border-width: 2px 2px 4px;
  margin-bottom: 10;
}

.form1 input[type="submit"]:hover,
.form1 input[type="button"]:hover{
  background: lavender;
}

```

## OUTPUT-

Practical 3

127.0.0.1:5500/1905359\_practical\_3.html

**1 Candidate Info**

Your Name \*

Your Email \*

Gender:

☐ Male

☐ Female

☐ Other

Describe Yourself

Interests:

Fishkeeping

**2 Candidate Info**

About Your school:

Submit

Activate Windows  
Go to Settings to activate Windows.

## Practical 4

**Aim:** Demonstrate the use of cascading style sheets (CSS) (inline, internal and external) to specify various aspects of style, such as colours and text fonts and sizes, in html document.

**Code:**

### HTML CODE

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <link rel="stylesheet" href="1905359_practical_4.css">
  <title>Practical 4</title>
  <style>
    #internal-css{
      font-family: Arial, Helvetica, sans-serif;
      font-size: 18px;
      color: crimson;
      font-weight: bold;
    }
    h2{
      text-align: center;
      color: midnightblue;
      font-size: 22px;
      font-weight: bold;
    }
  </style>
</head>
<body>
  <h2>INLINE CSS</h2>
  <p style="font-family: Arial, Helvetica, sans-serif; font-size: 18px; color: darkblue; font-weight: bold;">Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged. It was popularised in the 1960s with the release of Letraset sheets containing Lorem Ipsum passages, and more recently with desktop publishing software like Aldus PageMaker including versions of Lorem Ipsum.
</p>
<br>
  <h2>INTERNAL CSS</h2>
  <p id="internal-css">Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s,
```

when an unknown printer took a galley of type and scrambled it to make a type specimen book.

It has survived not only five centuries, but also the leap into electronic typesetting,

remaining essentially unchanged. It was popularised in the 1960s with the release of Letraset sheets containing

Lorem Ipsum passages, and more recently with desktop publishing software like Aldus PageMaker including versions

of Lorem Ipsum.

</p>

<br>

<h2>EXTERNAL CSS</h2>

<p id="external-css">Lorem Ipsum is simply dummy text of the printing and typesetting industry.

Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book.

It has survived not only five centuries, but also the leap into electronic typesetting,

remaining essentially unchanged. It was popularised in the 1960s with the release of Letraset sheets containing

Lorem Ipsum passages, and more recently with desktop publishing software like Aldus PageMaker including versions

of Lorem Ipsum.

</p>

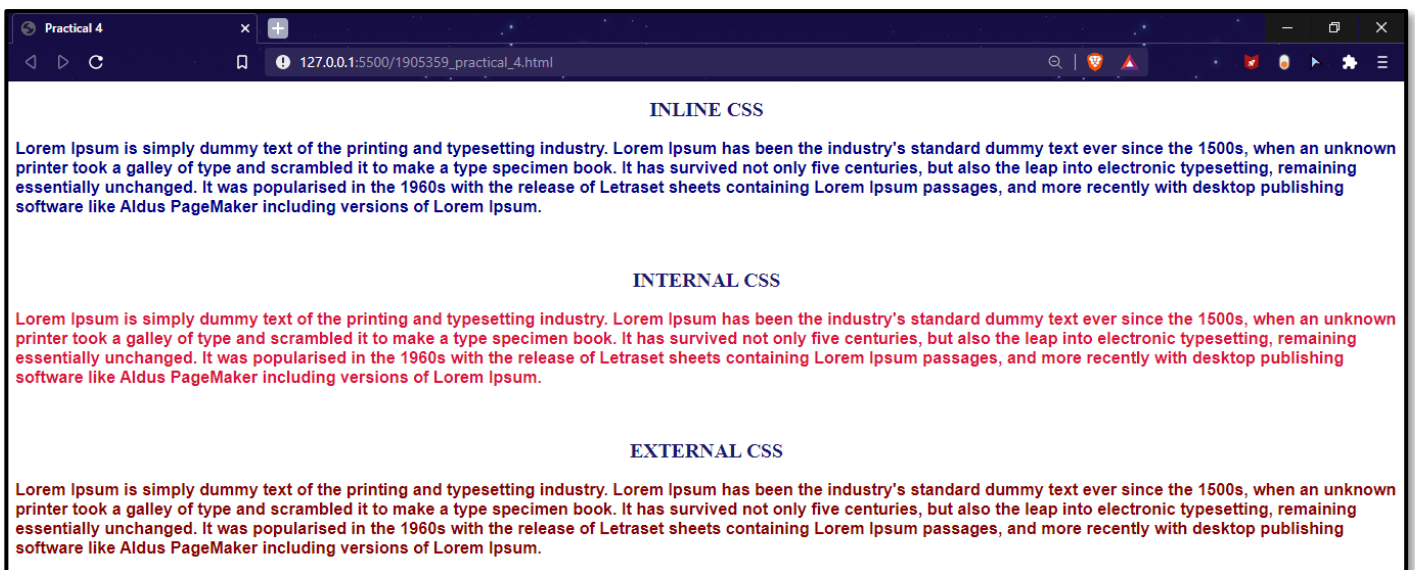
</body>

</html>

## CSS CODE

```
#external-css{
  font-family: Arial, Helvetica, sans-serif;
  font-size: 18px;
  color:darkred;
  font-weight: bold;
}
```

## OUTPUT-



## Practical 5

**Aim:** Creation of web pages using HTML5 and CSS3

**Code:** **HTML CODE**

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <link rel="stylesheet" href="1905359_practical_5.css">
  <title>Practical 5</title>
</head>
<body>
  <header id="showcase">
    <h1>Welcome to the beach</h1>
    <p>Lorem ipsum dolor sit amet, consectetur adipisicing elit.
    Modi officii ipsum officia numquam expedita ullam</p>
    <a href="#" class="button">Read More</a>
  </header>
  <section class="section_a">
    <p>
      Lorem ipsum dolor sit amet, consectetur adipisicing elit. Fugit minus impedit
      maxime,
      quae soluta quis cumque perferendis! Doloribus quaerat, placeat iste facere, a
      spernatur
      ex cum veritatis laudantium, officia, non porro exercitationem incidunt quis d
      olore?
      Officia ex accusamus expedita optio, voluptatem minus? In maiores omnis aperia
      m earum
      ab molestiae beatae laborum blanditiis incidunt, delectus dolor, id voluptates
      optio
      aspernatur aliquam saepe atque labore? Tempore reprehenderit ab ipsam perspici
      atis ut,
      provident perferendis sapiente in numquam blanditiis, enim, illo error nulla i
      ncidunt
      quos quidem ratione repellat ipsa molestias veritatis? Mollitia, fugit dolore
      commodi
      porro repudiandae atque, eos, ipsum quam culpa fuga deleniti quae.
    </p>
  </section>

  <section class="section_b">
    <p>
      Lorem ipsum dolor sit amet, consectetur adipisicing elit. Fugit minus impedit
      maxime,
      quae soluta quis cumque perferendis! Doloribus quaerat, placeat iste facere, a
      spernatur
      ex cum veritatis laudantium, officia, non porro exercitationem incidunt quis d
      olore?
```

```

    Officia ex accusamus expedita optio, voluptatem minus? In maiores omnis aperia
m earum
    ab molestiae beatae laborum blanditiis incidunt, delectus dolor, id voluptates
    optio
    aspernatur aliquam saepe atque labore? Tempore reprehenderit ab ipsam perspici
atis ut,
    provident perferendis sapiente in numquam blanditiis, enim, illo error nulla i
ncidunt
    quos quidem ratione repellat ipsa molestias veritatis? Mollitia, fugit dolore
commodi
    porro repudiandae atque, eos, ipsum quam culpa fuga deleniti quae.
    </p>
</section>

<section id="section_c">
    <div class="box_1">
        Lorem ipsum dolor sit amet, consectetur adipisicing elit.
        Modi officiis ipsum officia numquam expedita ullam!
    </div>
    <div class="box_2">
        Lorem ipsum dolor sit amet, consectetur adipisicing elit.
        Modi officiis ipsum officia numquam expedita ullam!
    </div>
    <div class="box_3">
        Lorem ipsum dolor sit amet, consectetur adipisicing elit.
        Modi officiis ipsum officia numquam expedita ullam!
    </div>

</section>
</body>
</html>

```

## CSS CODE

```

*{
    margin:0;
    padding: 0;
}

body{
    margin: 0;
    font-family: Arial, Helvetica, sans-serif;
    font-size: 19px;
    color:peru;
    line-height: 1.6;
}

#showcase{
    background-image: url("1905359_practical_5_bg.jpg");
    background-size: cover;
    background-position: center;
    height:100vh;
}

```

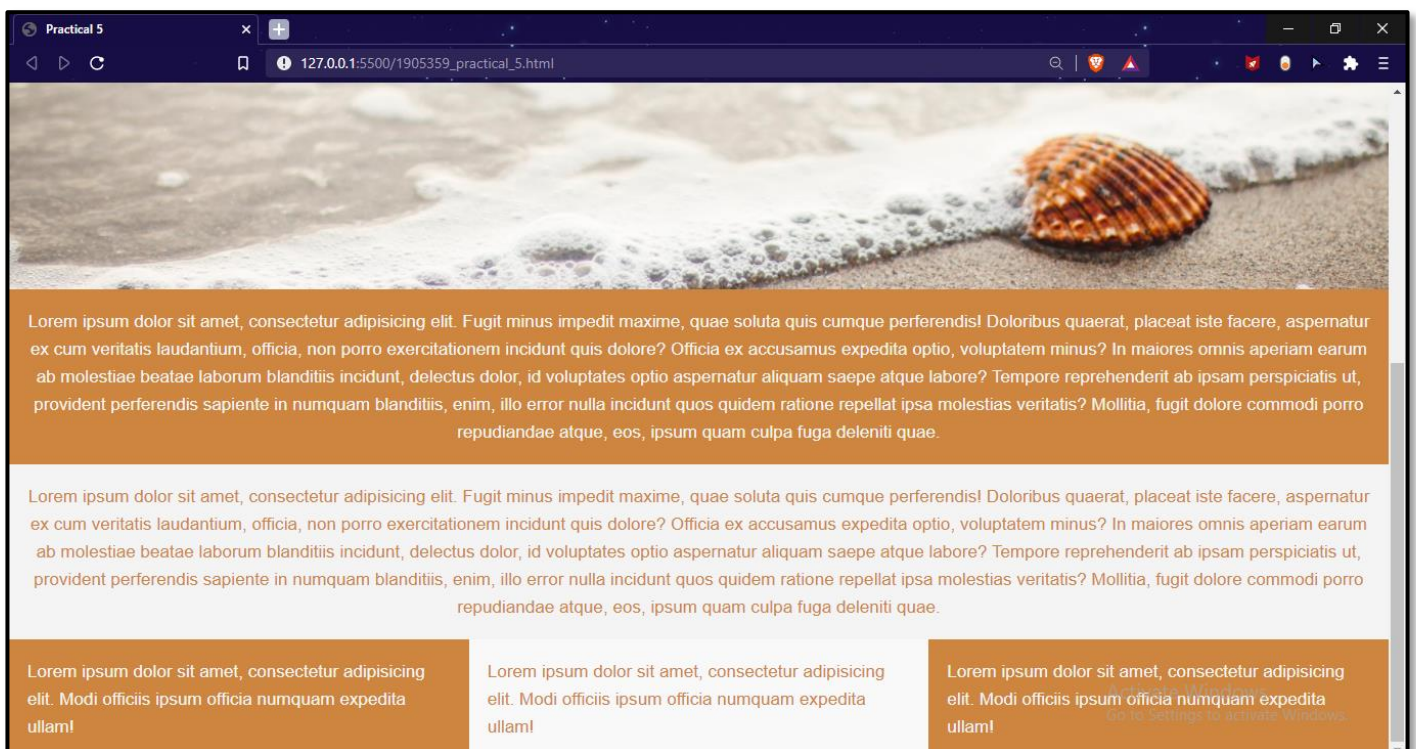
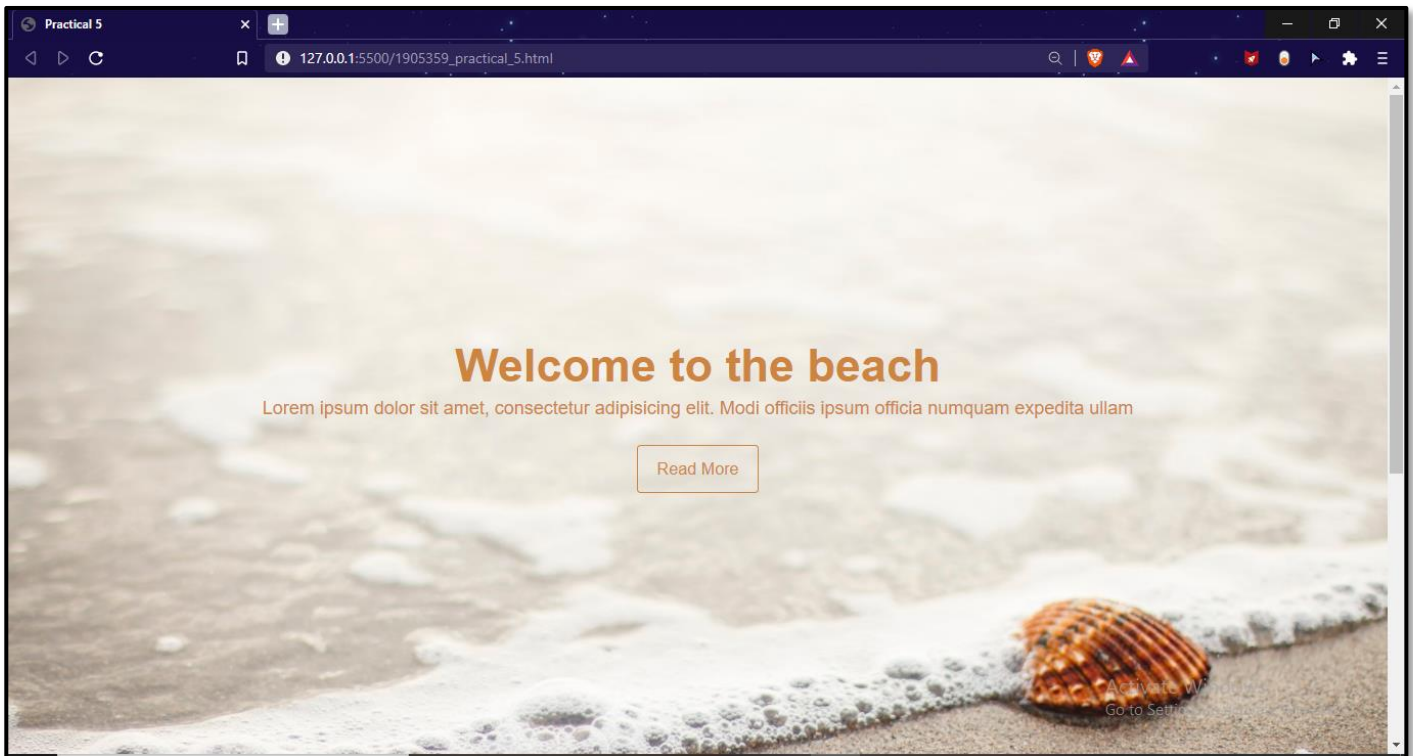


```

display: flex;
justify-content: center;
flex-direction: column;
align-items: center;
text-align: center;
padding: 0 20px;
}
#showcase h1{
font-size: 50px;
line-height: 1.2;
}
#showcase p{
font-size: 20px;
}
#showcase .button{
font-size: 18px;
text-decoration: none;
color: peru;
border: peru 2px solid;
padding: 10px 20px;
border-radius: 4px;
margin-top: 25px;
}
#showcase .button:hover{
background-color: #cd853f;
color: #fff;
}
.section_a{
padding: 20px;
background: peru;
color: whitesmoke;
text-align: center;
}
.section_b{
padding: 20px;
background: #f4f4f4;
text-align: center;
}
#section_c{
display: flex;
}
#section_c div{
padding: 20px;
}
#section_c .box_1, #section_c .box_3{
background: peru;
color: whitesmoke;
}
#section_c .box_2{
background-color: #f9f9f9;
}

```

## OUTPUT-



## Practical 6

**Aim:** Demonstrate the use of bootstrap framework

**Code:** **HTML CODE**

```
<!doctype html>
<html lang="en">

<head>
  <!-- Required meta tags -->
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">

  <!-- Bootstrap CSS -->
  <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/css/bootstrap.min.css"
        integrity="sha384-
MCw98/SFnGE8fJT3GXwEOngsV7Zt27NXFoaoApmYm81iuXoPkFOJwJ8ERdknLPMO" crossorigin="anonymous">
  <title>Practical 6</title>
</head>

<body>
  <nav class="navbar navbar-expand-lg navbar-dark bg-dark">
    <a class="navbar-brand" href="#">WT</a>
    <button class="navbar-toggler" type="button" data-toggle="collapse" data-
target="#navbarSupportedContent"
        aria-controls="navbarSupportedContent" aria-expanded="false" aria-
label="Toggle navigation">
      <span class="navbar-toggler-icon"></span>
    </button>
    <div class="collapse navbar-collapse" id="navbarSupportedContent">
      <ul class="navbar-nav mr-auto">
        <li class="nav-item active">
          <a class="nav-link" href="#">Home <span class="sr-
only">(current)</span></a>
        </li>
        <li class="nav-item">
          <a class="nav-link" href="#">About</a>
        </li>
        <li class="nav-item dropdown">
          <a class="nav-link dropdown-
toggle" href="#" id="navbarDropdown" role="button"
              data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">
            Topics
          </a>
          <div class="dropdown-menu" aria-labelledby="navbarDropdown">
            <a class="dropdown-item" href="#">HTML</a>
            <a class="dropdown-item" href="#">CSS</a>
            <div class="dropdown-divider">JavaScript</div>
            <a class="dropdown-item" href="#">jQuery</a>
            <a class="dropdown-item" href="#">Ajax</a>
          </div>
        </li>
      </ul>
    </div>
  </nav>
```

```

        <div class="dropdown-divider"></div>
        <a class="dropdown-item" href="#">PHP</a>
        <a class="dropdown-item" href="#">Bootstrap</a>
    </div>
</li>
<li class="nav-item">
    <a class="nav-link" href="#">Contact Us</a>
</li>
</ul>
<form class="form-inline my-2 my-lg-0">
    <input class="form-control mr-sm-
2" type="search" placeholder="Search" aria-label="Search">
    <button class="btn btn-outline-success my-2 my-sm-
0" type="submit">Search</button>
</form>
</div>
</nav>

<div id="carouselExampleIndicators" class="carousel slide carousel-fade" data-
ride="carousel">
    <ol class="carousel-indicators">
        <li data-target="#carouselExampleIndicators" data-slide-
to="0" class="active"></li>
        <li data-target="#carouselExampleIndicators" data-slide-to="1"></li>
        <li data-target="#carouselExampleIndicators" data-slide-to="2"></li>
    </ol>
    <div class="carousel-inner">
        <div class="carousel-item active">
            
            <div class="carousel-caption d-none d-md-block">
                <h2>First slide label</h2>
                <p>Lorem Ipsum is simply dummy text of the printing and typesetting in
dustry.</p>
                <button class="btn btn-danger">Technology</button>
                <button class="btn btn-primary">Web Development</button>
                <button class="btn btn-success">Tech Fun</button>
            </div>
        </div>
        <div class="carousel-item">
            
            <div class="carousel-caption d-none d-md-block">
                <h2>second slide label</h2>
                <p>It is a long established fact that a reader will be distracted by t
he readable content of a page
                when looking at its layout. </p>
                <button class="btn btn-danger">Technology</button>
                <button class="btn btn-primary">Web Development</button>
                <button class="btn btn-success">Tech Fun</button>
            </div>
        </div>
    </div>
</div>

```

```

        </div>
    </div>
    <div class="carousel-item">
        
        <div class="carousel-caption d-none d-md-block">
            <h2>Third slide label</h2>
            <p>There is no one who loves pain itself, who seeks after it and wants
to have it, simply because it
            is pain...</p>
            <button class="btn btn-danger">Technology</button>
            <button class="btn btn-primary">Web Development</button>
            <button class="btn btn-success">Tech Fun</button>
        </div>
    </div>
</div>
<a class="carousel-control-
prev" href="#carouselExampleIndicators" role="button" data-slide="prev">
    <span class="carousel-control-prev-icon" aria-hidden="true"></span>
    <span class="sr-only">Previous</span>
</a>
<a class="carousel-control-
next" href="#carouselExampleIndicators" role="button" data-slide="next">
    <span class="carousel-control-next-icon" aria-hidden="true"></span>
    <span class="sr-only">Next</span>
</a>
</div>

<div class="container my-4">
    <div class="row mb-2">
        <div class="col-md-6">
            <div class="card flex-md-row mb-4 shadow-sm h-md-250">
                <div class="card-body d-flex flex-column align-items-start">
                    <strong class="d-inline-block mb-2 text-primary">PHP</strong>
                    <p class="card-text mb-
auto">Lorem Ipsum is simply dummy text of the printing and typesetting industry.</p>
                    <a href="#">Continue reading</a>
                </div>
                
                </div>
            </div>
            <div class="col-md-6">
                <div class="card flex-md-row mb-4 shadow-sm h-md-250">
                    <div class="card-body d-flex flex-column align-items-start">
                        <strong class="d-inline-block mb-2 text-
success">JavaScript</strong>

```

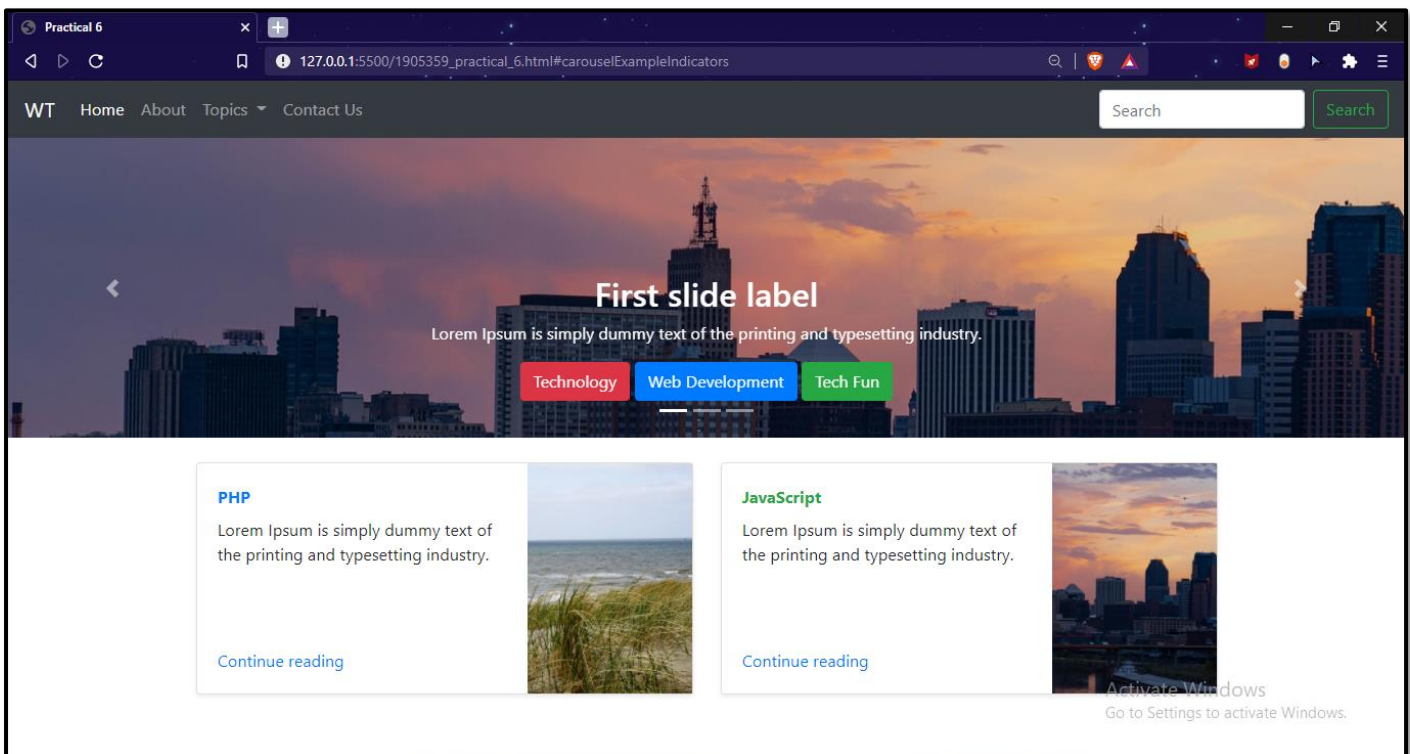


```

        <p class="card-text mb-
auto">Lorem Ipsum is simply dummy text of the printing and typesetting industry.</p>
        <a href="#">Continue reading</a>
    </div>
    
    </div>
</div>
</div>
</div>
<!-- Optional JavaScript -->
<!-- jQuery first, then Popper.js, then Bootstrap JS -->
<script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-
q8i/X+965Dz00rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abtTE1Pi6jizo" crossorigin="anonymous">
</script>
<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.3/umd/popper.min.js
" integrity="sha384-
ZMP7rVo3mIyKv+2+9J3UJ46jBk0WLaUAdn689aCwoqBbJiSnjAK/18WvCWPIpM49" crossorigin="anonymous">
</script>
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/js/bootstrap.min.js" i
ntegrity="sha384-
ChfqqxuZUCnJSK3+MXmPNIyE6ZbWh2IMqE241rYiqJxyMiZ6OW/JmZQ5stwEULTy" crossorigin="anonymous">
</script>
</body>
</html>

```

## OUTPUT-



## Practical 7

**Aim:** Creating a web page using php

**Code:**

**PHP CODE**

```
<!DOCTYPE html>
<html lang="en">
<head>
    <link rel="stylesheet" href="1905359_practical_7.css" type="text/css">
    <title>Practical 7</title>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
</head>
<?php
// define variables and set to empty values
$name = $email = $gender = $desc = $interests = $about = "";

if ($_SERVER["REQUEST_METHOD"] == "POST") {
    $name = test_input($_POST["name"]);
    $email = test_input($_POST["email"]);
    $gender = test_input($_POST["gender"]);
    $desc = test_input($_POST["desc"]);
    $interests = test_input($_POST["interests"]);
    $interests = test_input($_POST["about"]);
}

function test_input($data) {
    $data = trim($data);
    $data = stripslashes($data);
    $data = htmlspecialchars($data);
    return $data;
}
?>
<body>
    <div class="form1">
        <form method="POST" action="<?php echo htmlspecialchars($_SERVER["PHP_SELF"]);?>">
            <fieldset>
                <legend><span class="number">1</span>Candidate Info</legend>
                <input type="text" name="name" placeholder="Your Name * "><br>
                <input type="email" name="email" placeholder="Your Email * "><br>
                <label>Gender: </label>
                <label for="male"><span><input type="radio" value="male" name="gender"
value="male">Male</span></label>
                <label for="female"><span><input type="radio" value="female" name="gender"
value="female">Female</span></label>
                <label for="other"><span><input type="radio" value="other" name="gender"
value="other">Other</span></label>
            </fieldset>
        </form>
    </div>
</body>
</html>
```

```

        <textarea name="desc" placeholder="Describe Yourself"></textarea><br>
        <label for="job">Interests: </label>
        <select name="interests" id="job">
            <optgroup label="Indoors">
                <option value="Fishkeeping">Fishkeeping</option>
                <option value="Reading">Reading</option>
                <option value="Boxing">Boxing</option>
                <option value="Debate">Debate</option>
                <option value="Gaming">Gaming</option>
                <option value="Snooker">Snooker</option>
                <option value="Other_indoor">Other</option>
            </optgroup>
            <optgroup label="Outdoors">
                <option value="Football">Football</option>
                <option value="Swimming">Swimming</option>
                <option value="Fishing">Fishing</option>
                <option value="Climbing">Climbing</option>
                <option value="Cycling">Cycling</option>
                <option value="Other_indoor">Other</option>
            </optgroup>
        </select>
    </fieldset>
    <fieldset>
        <legend><span class="number">2</span>Candidate Info</legend>
        <textarea name="about" placeholder="About Your school: "></textarea>
    </fieldset>
    <input type="submit" value="Submit">
</form>
</div>
<?php
    echo "<h2>Your Input:</h2>";
    echo "Your Name: ";
    echo $name;
    echo "<br>";
    echo "Your Mail: ";
    echo $email;
    echo "<br>";
    echo "Your Gender: ";
    echo $gender;
    echo "<br>";
    echo "Your Description: ";
    echo $desc;
    echo "<br>";
    echo "Your about: ";
    echo $about;
    echo "<br>";
    echo "Your interests: ";
    echo $interests;
    echo "<br>";?>
</body>
</html>

```



## CSS CODE

**\*\*Note-** Same as in practical 3 (form is same php is added to the Practical 3)

## OUTPUT-

### Form

1 Candidate Info

Gender:  
☐ Male  
☐ Female  
☐ Other

Interests:

2 Candidate Info

Submit

### INPUT

1 Candidate Info

Gender:  
☒ Male  
☐ Female  
☐ Other

Interests:

2 Candidate Info

Submit

## OUTPUT-

Practical 7

localhost/php/1905359\_practical\_7.php

Male  
Female  
Other

Interests:

2 Candidate Info

Submit

Your Input:

Your Name: lokesh dhingra  
Your Mail: lokesh2001dhingra@gmail.com  
Your Gender: male  
Your Description: Hi there!  
Your about:  
Your interests: Other\_indoor

Activate Windows  
Go to Settings to activate Windows.