

GURU NANAK DEV ENGINEERING COLLEGE , LUDHIANA

DEPARTMENT OF INFORMATION TECHNOLOGY

WEB TECHNOLOGY

FOURTH SEMESTER

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Submitted By:

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Submitted to:

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Ludhiana-141106

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SR. NO	TOPIC
1.	Create a simple web page by writing HTML using a simple text editor, Notepad. Demonstrate the following components of the web page: Page titles and Headings Paragraphs and Inline images
2.	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”.
3.	Create simple Forms in HTML and demonstrate the use of various form elements like input box, text area, submit and radio buttons etc.
4.	Demonstrate the use of cascading style sheets (CSS) (inline, internal and external) to specify various aspects of style, such as colors and text fonts and sizes, in HTML document.
5.	Creation of Web pages using HTML5 and CSS3.
6.	Demonstrate the use of Bootstrap Framework.
7.	Creating web pages using PHP.

- **Practical No. 1 :-** 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

```
<!DOCTYPE html>
<html>
  <head>
    <title>
      PRACTICAL NO:1
    </title>
  </head>
  <body>
    <h2 style="text-align:center; background-color: dodgerblue;">
      Welcome To This page ~_~
    </h2>
    <!-- <img src = "gne logo.jpg" width="120" height="120" alt = "error!"> -->
    <h3 style="color: rgb(3, 1, 2);"> In this page headings and paragraphs is used. <
  /h3>
    <h4 style="color: rgb(3, 1, 2); text-align: center;">Paragraph about GNE</h4>
    <p style="color: rgb(3, 1, 2);"><b>Guru Nanak Dev Engineering College was established by the Nankana Sahib Education Trust.NSET was founded in memory of the most sacred temple of Nankana Sahib, birth place of Guru Nanak Dev Ji.00Shiromani Gurudwara Prabandhak Committee, Amritsar, a premier organization of universal brotherhood,was the main force behind the mission of "Removal of Economic Backwardness through Technology".With this mission, a Polytechnic was started in 1953 and Guru Nanak Dev Engineering College was established in 1956.The Trust deed was registered on 24th February 1953 with a commitment by The Nankana Sahib Education Trust 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 April, 1956. The day when foundation stone of the College Building was laid by Late Dr. Rajendra Prasad Ji,the First President of India.Nearly 10,000 graduate and 3000 Post Graduate Engineers have passed out from this college during the last 50 years and are at present successfully employed in India & abroad.The college is now ISO 9001-2008 Certified, NBA accredited and have signed MoU with IOWA University [USA] for exchange of students and faculty.

    </b></p>
    <h5> Thank you</h5>
    <h6> Done on 7<sup>th</sup> April 2021 </h6>
    <h3 style="background-color: dodgerblue; text-align: center;"><p>End of Paragraph</p></h3>

  </body>
</html>
```

Output: -

Welcome To This page ~_~

In this page headings and paragraphs is used.

Paragraph about GNE

Guru Nanak Dev Engineering College was established by the Nankana Sahib Education Trust. NSET was founded in memory of the most sacred temple of Nankana Sahib, birth place of Guru Nanak Dev Ji. 00Shiromani Gurudwara Prabandhak Committee, Amritsar, a premier organization of universal brotherhood, was the main force behind the mission of "Removal of Economic Backwardness through Technology". With this mission, a Polytechnic was started in 1953 and Guru Nanak Dev Engineering College was established in 1956. The Trust deed was registered on 24th February 1953 with a commitment by The Nankana Sahib Education Trust 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 April, 1956. The day when foundation stone of the College Building was laid by Late Dr. Rajendra Prasad Ji, the First President of India. Nearly 10,000 graduate and 3000 Post Graduate Engineers have passed out from this college during the last 50 years and are at present successfully employed in India & abroad. The college is now ISO 9001-2008 Certified, NBA accredited and have signed MoU with IOWA University [USA] for exchange of students and faculty.

Thank you

Done on 7th April 2021

End of Paragraph

Activate Windows
Go to Settings to activate Windows.

- **Practical No. 2 :- 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".

```
<!DOCTYPE html>
<html>
  <head>
    <title>
      PRACTICAL NO:2
    </title>

    <style>
      table, th, td {
        border: 1px solid darkred;
        border-collapse: collapse;
        background-color: lightsalmon;
        color: darkred;
      }
    </style>
  </head>

  <body style = "background-color: bisque;">
    <h1 style="text-align: center; background-color: crimson; color: ghostwhite;">
      WELCOME TO THIS PAGE
    </h1>
```

```

<h3 style="color: darkred; text-align:center;">
  <b>
    In this page link is provided of GNE college and their respective branches<br>
  </b>
  Below the given links are shown :-
</h3>
  <br>

  <table style="width:100%">
    <tr>
      <th>Departments</th>
      <th>Links</th>
    </tr>
    <tr>
      <td>
        <ol>
          <li>Main Site</li>
          <li>IT</li>
          <li>CSE</li>
          <li>ECE</li>
          <li>EC</li>
          <li>CE</li>
        </ol>
      </td>
      <td>
        <ul>
          <li><a href="https://www.gndec.ac.in">GNE_official_site</a></li>
          <li> <a href="https://it.gndec.ac.in">IT Branch</a></li>
          <li><a href="https://cse.gndec.ac.in">CSE Branch</a></li>
          <li> <a href="https://ece.gndec.ac.in">ECE Branch</a></li>
          <li><a href="https://ee.gndec.ac.in">EE Branch</a></li>
          <li><a href="https://ce.gndec.ac.in/">CE Branch</a></li>
        </ul>
      </td>
    </tr>
  </table>
</body>
</html>

```

Output :-

WELCOME TO THIS PAGE

In this page link is provided of GNE college and their respective branches
Below the given links are shown :-

Departments	Links
1. Main Site 2. IT 3. CSE 4. ECE 5. EC 6. CE	<ul style="list-style-type: none">• GNE_official_site• IT Branch• CSE Branch• ECE Branch• EE Branch• CE Branch

Activate Windows
Go to Settings to activate Windows.

- **Practical No. 3** :- Create a simple forms in HTML and demonstrate the use of various form elements like input box, text area, submit and radio buttons etc.

```
<!DOCTYPE html>
<html>
  <head>
    <title>
      PRACTICAL NO : 3
    </title>
    <style>
      body{
        background-color: rgb(44, 40, 40);
        color: whitesmoke;
      }
      h1{
        background-color: rgb(20, 19, 19);
        color: whitesmoke;
        text-align: center;
      }
      p{
        /* background-color: rgb(19, 17, 17); */
        font-size: 140%;
        margin-left: 1%;
        margin-right: 80%;
        text-align: center;
      }
      input{
        border: 1px solid rgb(226, 222, 222);
        margin-top: 6px;
        margin-bottom: 16px;
        box-sizing: border-box;
        padding: 12px;
        border-radius: 4px;
```

```

    }
    #text1{
        width: 20%;
    }
    label{
        font-size: 130%;
    }
    #radio1{
        font-size: 110%;
        margin-left: 1%;
        margin-right: 2%;
    }
    #check1{
        font-size: 110%;
        margin-left: 1%;
        margin-right: 2%;
    }
    #check{
        margin-left: 5%;
        margin-top: 1%;
    }
    #button1{
        background-color: rgb(68, 74, 85);
        color: rgb(241, 228, 228);
        text-align: center;
        border: 2px solid whitesmoke;
        display: inline;
        font-size: 100%;
        padding: 14px 40px;
        border-radius: 12px;
    }
</style>
</head>

<body>
    <h1>SAMPLE FORM</h1>
    <br>
    <form id="form1">
        <p>Personal Information :-</p><hr>
        <label style="margin-left: 5%;">First Name : </label><input id="text1" type="text" placeholder="First name..">
        <label style="margin-left: 19.5%;">Last Name : </label><input id="text1" type="text" placeholder="Last name..">
        <br><label style="margin-left: 9.5%;">Age : </label><input id="text1" type="number" placeholder="Age..">
        <label style="margin-left: 20%;">Birth date : </label><input id="text1" type="date" placeholder="date">
        <br><label style="margin-left: 8%;">Gender : </label>
        <input type="radio" id="male" name="Gender"><label for="male" id="radio1">Male</label>
        <input type="radio" id="female" name="Gender"><label for="female" id="radio1">Female</label>
    </form>

```

```

        <input type="radio" id="other" name="Gender"><label for="other" id="radio1"
>Other</label>
        <label style="margin-
left: 18%;">Email : </label><input id="text1" type="email" placeholder="Ex-
example@gmail.com">
        <br><label style="margin-
left: 6%;">Country : </label><input id="text1" type="text" placeholder="Country..">
        <label style="margin-
left: 24%;">State : </label><input id="text1" type="text" placeholder="State..">

        <hr><p>Academic Details :-</p><hr>
        <label style="margin-
left: 5%;">School/college : </label><input id="text1" type="text" placeholder="School/c
ollege">
        <label style="margin-left: 10%;">Board : </label>
        <input type="radio" id="centreboard" name="Board"><label for="centreboard" i
d="radio1">CBSE</label>
        <input type="radio" id="stateboard" name="Board"><label for="stateboard" id=
"radio1">State Board</label>
        <br><label for="stream" style="margin-left: 5%;">Stream : </label>
        <input list="stream" name="stream" style="margin-
left: 5%;" placeholder="Stream..">
            <datalist id="stream">
                <option value="Medical"></option>
                <option value="Non-medical"></option>
                <option value="Commerce"></option>
                <option value="Arts"></option>
            </datalist>
        <label style="margin-
left: 10%;">Specify Board (If state board) : </label><input type="text" placeholder="ex
: PSEB">

        <hr><p>Other Details :-</p><hr>
        <label style="margin-left: 5%;">Tick the options of your intrest :-
</label><br>
        <input type="checkbox" name="Hobbies" id="check"><label for="Hobbies" id="c
heck1">Reading</label>
        <input type="checkbox" name="Hobbies" id="check"><label for="Hobbies" id="c
heck1">Listening music</label>
        <input type="checkbox" name="Hobbies" id="check"><label for="Hobbies" id="c
heck1">browsing</label><br>
        <input type="checkbox" name="Hobbies" id="check"><label for="Hobbies" id="c
heck1">Sports</label>
        <input type="checkbox" name="Hobbies" id="check"><label for="Hobbies" id="c
heck1">Technology facts</label>
        <input type="checkbox" name="Hobbies" id="check"><label for="Hobbies" id="c
heck1">Travelling</label><br>
        <label style="margin-
left: 5%;">Contact No. : </label><input type="number" placeholder="Mobile No.">
        </form>

        <button id="button1" type="submit" form="form1">SUBMIT</button>
    </body>
</html>

```


Output :-

SAMPLE FORM

Personal Information :-

First Name :

Last Name :

Age :

Birth date :

Gender :

☐ Male

☐ Female

☐ Other

Email :

Country :

State :

Academic Details :-

School/college :

Board :

☐ CBSE

☐ State Board

Stream :

Specify Board (If state board) :

Activate Windows

Go to Settings to activate Windows.

Other Details :-

Tick the options of your intrest :-

☐ Reading

☐ Listening music

☐ browsing

☐ Sports

☐ Technology facts

☐ Travelling

Contact No. :

SUBMIT

Activate Windows

Go to Settings to activate Windows.

- **Practical No. 4 :- Demonstrate the use of cascading style sheets (CSS) (inline, internal and external) to specify various aspects of style, such as colors and text fonts and sizes, in HTML document.**

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta name="viewport" content="width = device-width,intial-scale = 1.0">
    <title>PRACTICAL NO : 4</title>

    <!--This style contain internal CSS-->
    <style>
      .internal{
        background-color: rgb(218, 187, 15);
```

```

        color: rgb(247, 244, 244);
        border-radius: 2%;
        margin-top: 1%;
        margin-bottom: 5%;
        padding: 14px 20px;
        font-size: 110%;
        text-align: justify;
        border-radius: 26px;
        box-shadow: 10px 10px 20px rgb(245, 245, 243) ;
    }
</style>
<link rel="stylesheet" href="./practical4.css" >
</head>

<body style="background-color:rgb(15, 14, 14);">
    <h2 style="text-align: center; color: rgb(218, 212, 204);">Use of Cascading style sheets(CSS)</h2>
    <hr>
    <h3 style="text-align: center; color: rgb(216, 213, 199);">Inline , Internal and External</h3>
    <div style="
        background-color: rgb(58, 194, 240);
        color: rgb(247, 244, 244);
        border-radius: 2%;
        margin-top: 1%;
        margin-bottom: 5%;
        padding: 14px 20px;
        font-size: 110%;
        text-align: justify;
        border-radius: 26px;
        box-shadow: 10px 10px 30px rgb(251, 253, 253) ;">
        Inline CSS An inline style may be used to apply a unique style for a
        single element. To use inline styles, add the style attribute to the
        relevant element. The style attribute can contain any CSS property.
    </div>

    <div class="internal">
        Internal CSS An internal style sheet may be used if one single HTML page has a
        unique style.
        The internal style is defined inside the style element, inside the head section.
    </div>

    <div class="external">
        External CSS With an external style sheet, you can change the look of an
        entire website by changing just one file! Each HTML page must include a
        reference to the external style sheet file inside the <link /> element,
        inside the head section.
    </div>
</body>
</html>

```

External CSS file :-

```
.external{
  background-color: rgb(209, 60, 33);
  color: rgb(247, 244, 244);
  border-radius: 2%;
  margin-top: 1%;
  margin-bottom: 5%;
  padding: 14px 20px;
  font-size: 110%;
  text-align: justify;
  border-radius: 26px;
  box-shadow: 10px 10px 30px rgb(255, 255, 254) ;
}
```

Output :-

Use of Cascading style sheets(CSS)

Inline , Internal and External

Inline CSS An inline style may be used to apply a unique style for a single element. To use inline styles, add the style attribute to the relevant element. The style attribute can contain any CSS property.

Internal CSS An internal style sheet may be used if one single HTML page has a unique style. The internal style is defined inside the style element, inside the head section.

External CSS With an external style sheet, you can change the look of an entire website by changing just one file! Each HTML page must include a reference to the external style sheet file inside the element, inside the head section.

Activate Windows
Go to Settings to activate Windows.

- **Practical No. 5 :- Creation of Web pages using HTML5 and CSS3.**

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8"/>
    <meta name="viewport" content="width=device-width; initial-scale = 1.0">
    <title>Practical No : 5</title>
    <style>
      body{
        background-color: ghostwhite;
        margin: 0px;
```

```
padding: 0px;
}
h1{
background-image:linear-gradient(rgb(252, 141, 14), rgb(247, 19, 68));
text-align: center;
font-family: Arial, Helvetica, sans-serif;
padding: 1%;
margin-bottom: 0px;
margin-top: 0px;
}

h3{
color: cornsilk;
text-align: center;
font-style: inherit;
font-family: cursive;
background-color: rgb(26, 22, 22);
padding: 1%;
margin-top: 0px;
}

.p1,.p3{
background-color:rgb(241, 100, 48);
color:indigo;
font-family:cursive;
font-size: 120%;
margin-bottom: 3px;
margin-top: 30px;
margin-left: 2px;
margin-right: 75%;
font-weight: bolder;
padding: 3px;
text-align:center;
border-radius: 25px;
}

.p2,.p4{
background-color:rgb(241, 100, 48);
color:indigo;
font-family:cursive;
font-size: 120%;
margin-bottom: 3px;
margin-top: 30px;
margin-left: 75%;
margin-right: 2px;
font-weight: bolder;
padding: 3px;
text-align:center;
border-radius: 25px;
}

.div1,.div2,.div3,.div4{
font-family:Verdana, Geneva, Tahoma, sans-serif;
font-size: 100%;
```

```
        color: black;
        text-align: justify;
        margin-left: 1%;
        margin-right: 1%;
        font-weight: bold;
    }

    hr{
        border: 1px solid rgb(26, 22, 22);
    }

    .nav1{
        background-image:linear-gradient(rgb(252, 141, 14), rgb(247, 19, 68));
        text-align: center;
        font-family: cursive;
        font-style: italic;
        font-weight: bold;
        padding: 3px;

    }

    #click1{
        padding: 1%;
        border-radius: 20px;
        border: 2px solid rgb(216, 52, 2);
        margin-left: 5px ;
        margin-right: 5px;
        margin-top: 10px;
        text-align: justify;
        font-family: sans-serif;
        font-weight: bolder;
        padding-left: 1.3%;
        padding-right: 1.3%;
        color:rgb(241, 100, 48);
    }

    #click1:hover{
        background-color: rgb(216, 52, 2);
        border: 2px solid whitesmoke;
        color: whitesmoke;
    }

    #foot1{
        background-color: rgb(26, 22, 22);
        color: cornsilk;
        font-family:Georgia, 'Times New Roman';
        text-align: center;
        font-weight: bold;
        margin-top: 30px;
        padding: 30px;
    }
</style>
</head>
```

```

<body>
  <h1>WEBTech-TUTORALS</h1>
  <h3> HTML, CSS, JAVASCRIPT & PHP</h3>

  <p class="p1">HTML :</p><br>
  <div class="div1">
    stands for Hyper Text Markup Language,
    which is the most widely used language on Web to develop web pages.
    HTML was created by Berners-
Lee in late 1991 but "HTML 2.0" was the first standard
    HTML specification which was published in 1995.
    HTML 4.01 was a major version of HTML and it was published in late 1999.
    Though HTML 4.01 version is widely used but currently we are having HTML-
5 version
    which is an extension to HTML 4.01, and this version was published in 2012.
  </div>
  <p class="p2">CSS :</p><br>
  <div class="div2">
    Cascading Style Sheets (CSS) is a style sheet language used for describing the
    presentation of a document written in a markup language such as HTML.
    CSS is a cornerstone technology of the World Wide Web, alongside HTML and Java
Script.
    CSS is designed to enable the separation of presentation and content, includin
g layout,
    colors, and fonts. This separation can improve content accessibility, provide
more
    flexibility and control in the specification of presentation characteristics,
enable
    multiple web pages to share formatting by specifying the relevant CSS in a sep
arate .css file
    which reduces complexity and repetition in the structural content as well as e
nabling
    the .css file to be cached to improve the page load speed between the pages th
at share the
    file and its formatting.
  </div>

  <p class="p3">JAVASCRIPT :</p><br>
  <div class="div3">
    JavaScript (JS) is a lightweight, interpreted, or just-in-
time compiled programming
    language with first-class functions. While it is most well-
known as the scripting language
    for Web pages, many non-
browser environments also use it, such as Node.js, Apache CouchDB
    and Adobe Acrobat. JavaScript is a prototype-based, multi-paradigm, single-
threaded, dynamic
    language, supporting object-
oriented, imperative, and declarative (e.g. functional programming)
    styles.
  </div>

  <p class="p4">PHP :</p><br>

```

```

<div class="div4">
    PHP is a general-
purpose scripting language especially suited to web development.
    It was originally created by Danish-
Canadian programmer Rasmus Lerdorf in 1994.
    The PHP reference implementation is now produced by The PHP Group.
    PHP originally stood for Personal Home Page,[6] but it now stands for the recursive
initialism PHP: Hypertext Preprocessor.PHP code is usually processed on a web
server by a
PHP interpreter implemented as a module, a daemon or as a Common Gateway Inter
face (CGI)
executable. On a web server, the result of the interpreted and executed PHP code - which may
be any type of data, such as generated HTML or binary image data -
would form the whole or
part of an HTTP response. Various web template systems, web content management
systems, and
web frameworks exist which can be employed to orchestrate or facilitate the generation of that
response. Additionally, PHP can be used for many programming tasks outside of
the web
context, such as standalone graphical applications and robotic drone control.
PHP code can also be directly executed from the command line.
</div><hr>

<nav class="nav1">
    For More details Click on link belows:<br>
    <a href="#"><button id="click1">HOME</button></a>
    <a href="https://www.w3schools.com/html/default.asp"><button id="click1">HTML</button></a>
    <a href="https://www.w3schools.com/css/default.asp"><button id="click1">CSS</button></a>
    <a href="https://www.w3schools.com/js/default.asp"><button id="click1">JAVASCRIPT</button></a>
    <a href="https://www.w3schools.com/php/default.asp"><button id="click1">PHP</button></a>
</nav>

<footer id="foot1">
    Copyright 2021 @Krishan (1905355)<br>
    <br>
    All right reserved
</footer>
</body>
</html>

```

Output :-

← → ↻ 📄 File | C:/Users/Dell/OneDrive/Documents/VS%20code%20files/HTML%20css%20JS%20projects/practical5.html#

☆ ⚙️ K ⋮

WEBTech-TUTORIALS

HTML, CSS, JAVASCRIPT & PHP

HTML :

stands for Hyper Text Markup Language, which is the most widely used language on Web to develop web pages. HTML was created by Berners-Lee in late 1991 but "HTML 2.0" was the first standard HTML specification which was published in 1995. HTML 4.01 was a major version of HTML and it was published in late 1999. Though HTML 4.01 version is widely used but currently we are having HTML-5 version which is an extension to HTML 4.01, and this version was published in 2012.

CSS :

Cascading Style Sheets (CSS) is a style sheet language used for describing the presentation of a document written in a markup language such as HTML. CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript. CSS is designed to enable the separation of presentation and content, including layout, colors, and fonts. This separation can improve content accessibility, provide more flexibility and control in the specification of presentation characteristics, enable multiple web pages to share formatting by specifying the relevant CSS in a separate .css file which reduces complexity and repetition in the structural content as well as enabling the .css file to be cached to improve the page load speed between the pages that share the file and its formatting.

JAVASCRIPT :

JavaScript (JS) is a lightweight, interpreted, or just-in-time compiled programming language with first-class functions. While it is most well-known as the scripting language for Web pages, many non-browser environments also use it, such as Node.js, Apache CouchDB and Adobe Acrobat. JavaScript is a prototype-based, multi-paradigm, single-threaded, dynamic language, supporting object-oriented, imperative, and declarative (e.g. functional programming) styles.

PHP :

PHP is a general-purpose scripting language especially suited to web development. It was originally created by Danish-Canadian programmer Rasmus Lerdorf in 1994. The PHP reference implementation is now produced by The PHP Group. PHP originally stood for Personal Home Page,[6] but it now stands for the recursive initialism PHP: Hypertext Preprocessor. PHP code is usually processed on a web server by a PHP interpreter implemented as a module, a daemon or as a Common Gateway Interface (CGI) executable. On a web server, the result of the interpreted and executed PHP code – which may be any type of data, such as generated HTML or binary image data – would form the whole or part of an HTTP response. Various web template systems, web content management systems, and web frameworks exist which can be employed to orchestrate or facilitate the generation of that response. Additionally, PHP can be used for many programming tasks outside of the web context, such as standalone graphical applications and robotic drone control. PHP code can also be directly executed from the command line.

For More details Click on link belows:

HOME

HTML

CSS

JAVASCRIPT

PHP

Copyright 2021 @Krishan (1905355)

Activate Windows
Go to Settings to activate Windows.

All right reserved

Practical No. 6 :- Demonstrate the use of Bootstrap Framework.

```
<!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 NO : 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 class="dropdown-divider">Other</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 indu
stry.</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 the
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 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 t
o 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>

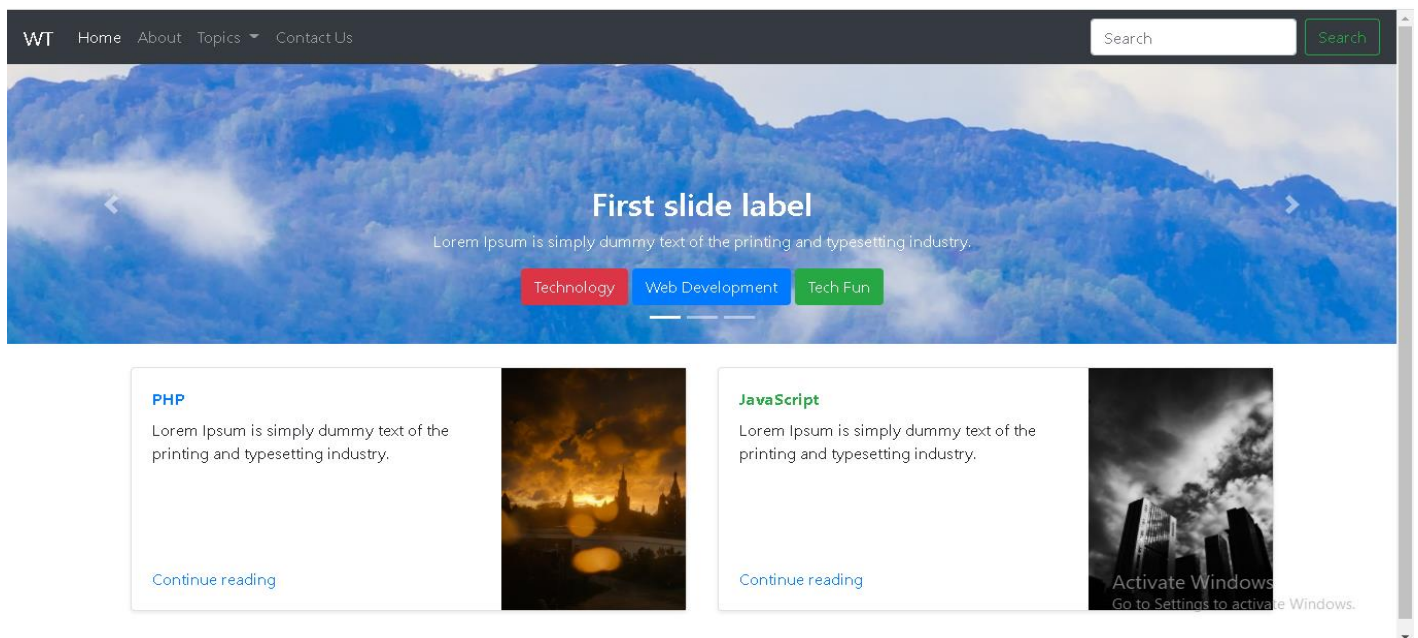
```

```

<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>
</body>
</html>

```

Output :-



Practical No. 7 :- Creating a web page using php.

PHP File:-

```
<!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" />
    <title>Practical 7</title>
    <link rel="stylesheet" href="./practical7.css" />
  </head>
  <body>
    <div class="contact-title">
      <h1>SAMPLE FORM</h1>
      <h2>Containg php</h2>
    </div>
    <div class="contact-form">
      <form action="<?php echo htmlspecialchars($_SERVER["PHP_SELF"]);?>" method="POST"
id="contact-form">
        <input
          type="text"
          name="name"
          class="form-control"
          placeholder="Your Name"
          required
        />
      <br />
      <input
        type="email"
        name="email"
        class="form-control"
      />
    </div>
  </body>
</html>
```

```

        placeholder="Your Email"
        required
    />
<br />
    <textarea
        name="message"
        class="form-control"
        placeholder="Message"
        rows="3"
        required
    >    </textarea>
<br />
<p class="form-control-radio">Please select your gender:</p>
<input type="radio" id="male" name="gender" value="male" class="form-control-
radio">
<label for="male" class="form-control-radio">Male</label>
<input type="radio" id="female" name="gender" value="female" class="form-control-
radio">
<label for="female" class="form-control-radio">Female</label>
<input type="radio" id="other" name="gender" value="other" class="form-control-
radio">
<label for="other" class="form-control-radio">Other</label>
<br />
    <input type="submit" class="form-control submit" value="Submit" />
</form>
</div>
</body>
</html>

```

```
<?php
```

```

$name = $gender= "";
$email = $text = "";

```

```

if ($_SERVER["REQUEST_METHOD"] == "POST") {
    $name=$_REQUEST['name'];
    $email=$_REQUEST['email'];
    $text=$_REQUEST['message'];
    $gender=$_REQUEST['gender'];
}

```

```

function test_input($data) {
    $data = trim($data);
    $data = stripslashes($data);
    $data = htmlspecialchars($data);
    return $data;
}

```

```

echo "<br><br>";
echo "<h2> You Input is:- <h2>";
echo "<h3> Name: ".$name."<h3>";
echo "<h3> Text: ".$text."<h3>";

```

```
echo "<h3> Gender: ".$gender."<h3>";
echo "<h3> Email: ".$email."<h3>";

?>
```

CSS file:-

```
body {
    margin: 0;
    padding: 0;
    text-align: center;
    background: rgb(34, 36, 0);
    background: linear-gradient(
        200deg,
        rgb(241, 57, 217) 51%,
        rgba(132, 0, 255, 1) 86%
    );
    background-repeat: no-repeat;
    height: 100%;
    background-attachment: fixed;
    background-position: center;
}
.contact-title {
    margin-top: 100px;
    color: #fff;
    text-transform: uppercase;
}
.contact-title h1 {
    font-size: 32px;
    line-height: 10px;
}
.contact-title h2 {
    font-size: 16px;
}
form {
    margin-top: 50px;
    transition: all 4s ease-in-out;
}
.form-control {
    width: 600px;
    background: transparent;
    border: none;
    outline: none;
    border-bottom: 1px solid rgb(39, 38, 38);
    color: #fff;
    font-size: 18px;
    margin-bottom: 16px;
}
.form-control-radio{
    text-align: center;
    color: #fff;
    font-size: 18px;
```

```

}
input {
    height: 45px;
}
form .submit {
    background: #ff5722;
    border-color: transparent;
    color: #fff;
    font-size: 20px;
    font-weight: bold;
    letter-spacing: 2px;
    height: 50px;
    margin-top: 20px;
}
form .submit:hover {
    background-color: rgb(152, 255, 68);
    cursor: pointer;
}
}

```

Output :-

SAMPLE FORM

CONTAING PHP

Your Name

Your Email

Please select your gender:

☐ Male
☐ Female
☐ Other

Submit

Activate Windows

Go to Settings to activate Windows.

SAMPLE FORM

CONTAING PHP

Rohit sharma

Rohit@321gmail.com

Hello Sample

Please select your gender:

☒ Male
☐ Female
☐ Other

Submit

Activate Windows

Go to Settings to activate Windows.

Your Email

Please select your gender:

☒ Male ☐ Female ☐ Other

Submit

You Input is:-

Name:Rohit sharma

Text: Hello Sample

Gender:male

Email:Rohit@321gmail.com

Activate Windows
Go to Settings to activate Windows.