



WEB TECHNOLOGIES

PRACTICAL NOTE BOOK

SUBMITTED TO : GURU NANAK DEV
ENGINEERING COLLEGE (PTU
AFFILIATED INSTITUTE) FOR THE
COURSE INFORMATION TECHNOLOGY
{ **BATCH 2019-2023** }

SUBMITTED TO:	SUBMITTED BY:
Mrs. HANIT SOHAL { DEPARTMENT OF INFORMATION TECHNOLOGY }	DAVINDER KUMAR IT 4TH SEMESTER 1905321/1921022

INDEX

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.
2. Demonstrate the use of links, lints, 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 a simple forms in HTML and demonstrate the use of various form elements like input box, textarea, 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 colours and text fonts and sizes, in HTML document.
5. Create of web pages using HTML5 & CSS3.
6. Demonstrate the use of Bootstrap framework.
7. Creating a web page using PHP.

EXPERIMENT 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.

SOL: :<!DOCTYPE html>

```
<html>
```

```
<head>
```

```
<title>First Practical</title>
```

```
</style>
```

```
<body style="background-color: #050504">
```

```
<h1 style="color: #ffffff;text-align: center; font-size: 50px; font-family: Helvetica;"><b>This is our first practical.</b></h1>
```

```
<h2 style="color: #ffffff;text-align: center; font-size: 50px; font-family: Helvetica;">CARS WALPAPERS WEBPAGE.</h2>
```

```

```

```










<p style="color: #ffffff;">In this Webpage you can access different  
websites in which you can download Car Walpapers For Free. We Provide  
The Links to These Websites Given Below:</p>

```

<a href="https://wallpapercave.com/w/ojycKEO" style="color:
#ffffff;">WEBSITE 1
<a href="https://wallpaper-mania.com/post/wallpaper-id-77700072335/"
style="color: #ffffff; padding-left: 100px;">WEBSITE 2
<a href="https://github.com/davinder22133" style="margin-left: 200px;
color: #ffffff;">About Us
</body>
</head>
</html>

```

## OUTPUT:



## EXPERIMENT 2

Demonstrate the use of links, lints, 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”.

**SOL:** <!DOCTYPE html>

```
<html>

<head>

<style>

table {

 font-family: arial;

 border-collapse: collapse;

 width: 100%;

}

td, th {

 border: 1px solid #020202;

 text-align: left;

 padding: 10px;

}

</style>

</head>

<body style="background-color: #ff5c5c;">

<table>

<tr>

<th>CARS NAME</th>

<th>PRICE LIST</th>

<th>SHOWROOM ADDRESS</th>

</tr>
```

<tr>

<th> BMW</th>

<th>Starting 37.90 Lakhs</th>

<th>New Haibowal, Ludhiana.</th>

</tr>

<tr>

<th>Mercedes</th>

<th> Starting 20.6 Lakhs</th>

<th> Model Town, Ludhiana.</th>

</tr>

<tr>

<th>Jaguar</th>

<th>Starting 15.8 Lakhs</th>

<th>Sanhewal, Ludhiana.</th>

</tr>

</table>




<br>
<a href="https://www.bmw.in/en/index.html">Link To BMW
Car Website.</a><br>
<a href="https://www.mercedes-benz.co.in/">Link To
Mercedes Car Website.</a><br>
<a href="https://www.jaguar.in/index.html">Link To Jaguar Car
Website.</a>
</body>
</html>
```

OUTPUT:

CARS NAME	PRICE LIST	SHOWROOM ADDRESS
BMW	Starting 37.90 Lakhs	New Haibowal, Ludhiana.
Mercedes	Starting 20.6 Lakhs	Model Town, Ludhiana.
Jaguar	Starting 15.8 Lakhs	Sanhewal, Ludhiana.



[Link To BMW Car Website.](#)
[Link To Mercedes Car Website.](#)
[Link To Jaguar Car Website.](#)

EXPERIMENT 3

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

SOL: <!DOCTYPE html>

<html lang="en-us">

<head>

<title>Resume Forms</title>

<style>

body {

background-color: #d9a6f7;

```
}  
  
</style>  
  
</head>  
  
<body>  
  
<h1 style="color:#0f0f0f; font-family: Lato;"><center><b>FILL  
DETAILS FOR JOB APPLICATION.</b></center>  
  
</h1>  
  
<form action="" method="post">  
  
<form action="/action_page.php">  
  
<label for="fname" style="margin-left: 150px;" >First name :  
  
</label>  
  
<input type="text" id="fname" name="fname"  
value="" ><br><br>  
  
<label for="lname" style="margin-left: 150px;">Last name :  
  
</label>  
  
<input type="text" id="lname" name="lname" value="" ><br><br>  
  
<label for="email" style="margin-left: 150px;">Email : </label>  
  
<input type="text" id="email" name="email" value=""><br><br>  
  
<label for="cont" style="margin-left: 150px;">Contact No. :  
  
</label>  
  
<input type="text" id="cont" name="cont" value=""><br><br>  
  
<label for="gender" style="margin-left: 150px;">Gender : </label>
```

```

<input type="text" id="gender" name="gender"
value=""><br><br>
<label for="loc" style="margin-left: 150px;">Location : </label>
<input type="text" id="loc" name="loc" value=""><br><br>
<label for="lname" style="margin-left: 150px;">Designation :
</label>
<input type="text" id="des" name="des" value=""><br><br>
<label for="exp" style="margin-left: 150px;">Experience:</label>
<input type="text" id="exp" name="exp" value=""><br><br>
<input type="submit" value="Submit" style="margin-left:
150px;"><br><br><br><br>
</form>
<p align="center"><b>Thanks For Filling Details.</b></p>
</body>
</html>

```

OUTPUT:

FILL DETAILS FOR JOB APPLICATION.

First name :

Last name :

Email :

Contact No. :

Gender :

Location :

Designation :

Experience :

Thanks For Filling Details.

EXPERIMENT 4

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.

SOL: <!DOCTYPE html>

<html lang="en-us">

<head>

<link rel="stylesheet" type="text/css" href="css/fourthh.css" >

<title>Types Of CSS</title>

<style >

body{

background-color: #ff3d3d;

}

</style>

</head>

<body>

<h1 style="font-family: serif;">USING DIFFERENT FORMS OF
CSS(Inline,Internal,External)</h1>

<p>I Am Davinder kumar (CRN 1921022,URN 1905321) Studied At GNDEC Ludhiana
In BTech 4th

Sem IT.</p>

```
<a href="https://github.com/davinder22133" style="margin-left: 50px;color:
#000000; font-size:
20px;">My Github Profile Link</a>

<h2>How I Learn My Web Technologies Languages (HTML and CSS)</h2>

<p>I Am Learn HTML and CSS course From Udemy Course.The Link To This Course
Is Provided

Given Below. It Is A Paid Course. I Am Purchase On Sales Days On Udemy About Rs
455.

It Is A Best Course For Starting HTML and CSS.</p>

<a
href="https://www.udemy.com/course/design-and-develop-a-killer-website-with-
html5-and-css3/"
style="color: #000000;margin-left: 50px; font-size: 20px;">Link to Udemy
Course</a>

</body>

</html>
```

fourthh.css (External CSS file)

```
p{
background-color: #000000;
font-family: Times New Roman;
font-size: 20px;
color: #ffff;
}
```

OUTPUT:



EXPERIMENT 5

Create of web pages using HTML5 & CSS3.

SOL: fifth.html (HTML file)

```
<!DOCTYPE html>
```

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

```
<head>
```

```
<link rel="stylesheet" type="text/css" href="css/fifth.css" >
```

```
<title>OMNIFOODS</title>
```

```
</head>
```

```
<body>
```

```
<h1>Goodbye junk food. <br />Hello super healthy meals.</h1>
```

```
<a class="btn btn-full" href="https://www.zomato.com/india" >ORDER FOOD  
FROM ZOMATO</a>
```

```
<a class="btn btn-ghost"
href="https://www.healthline.com/nutrition/50-super-healthy-foods">HEALTHY
FOOD
EXAPMPLES.</a>
</body>
</html>
```

Fifth.css(CSS file)

```
{
margin: 0;
padding: 0;
box-sizing: border-box;
}
h1 {

color: #ffff;
font-family: "Lato", "Arial", "san-serif";
font-size: 50px;
font-weight: 300;
margin-left: 50px;
text-rendering: optimizeLegibility;

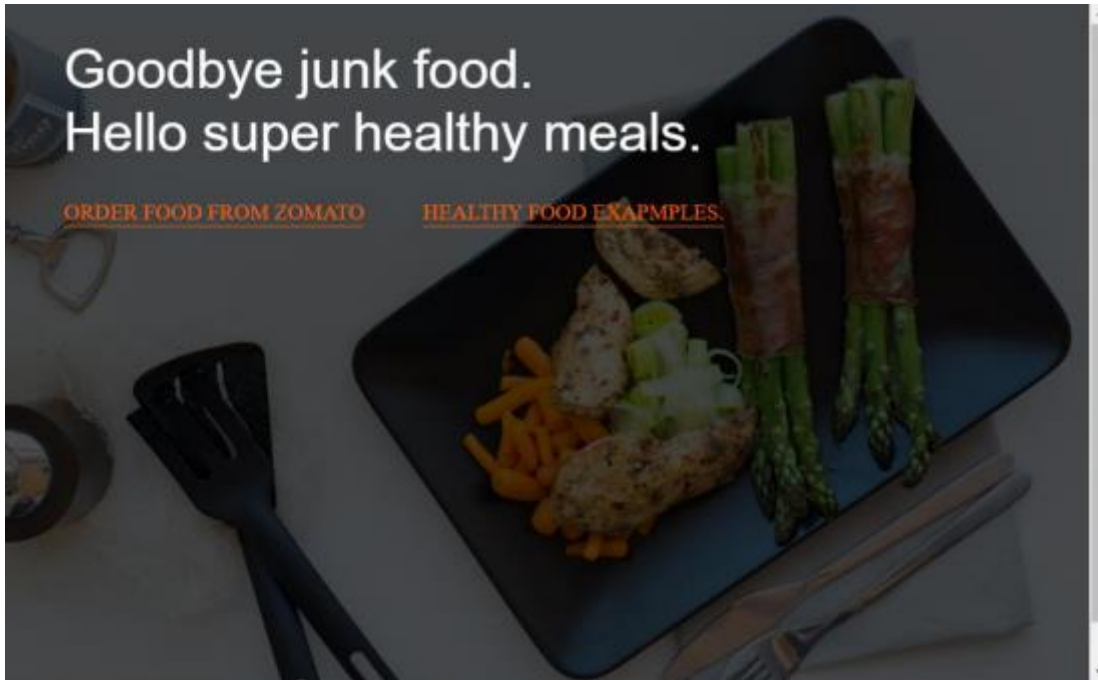
}
```

```
body{  
  
background-image: -webkit-linear-gradient(rgba(0, 0, 0, 0.7), rgba(0, 0, 0, 0.7)),  
url("images/hero.jpg");  
  
background-image: linear-gradient(rgba(0, 0, 0, 0.7), rgba(0, 0, 0, 0.7)),  
url("images/hero.jpg");  
  
height: 100vh;  
  
background-size: cover;  
  
background-position: center;  
  
background-attachment: fixed;  
  
}  
  
a:link,  
  
a:visited{  
  
color: #f56200;  
  
text-decoration: none;  
  
padding-bottom: 2px;  
  
border-bottom: 1px solid #f56200;  
  
-webkit-transition: border-bottom 0.2s, color 0.2s;  
  
transition: border-bottom 0.2s, color 0.2s;  
  
font-size: 20px;  
  
margin-left: 50px;  
  
}  
  
a:hover,
```



```
a:active{  
  color:#ffff;  
  border-bottom: 1px solid transparent;  
}
```

OUTPUT:



EXPERIMENT 6

Demonstrate the use of Bootstrap framework.

SOL: <!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="#">WTP</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">
```

Types Of Climates

```
</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"></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>Nature</h2>
```

```
    <p>Nature, in the broadest sense, is the natural, physical, material
world or universe. "Nature" can refer to the phenomena of the physical world, and
also to life in general. ... Although humans are part of nature, human activity is
often understood as a separate category from other natural phenomena.</p>
```

```
    <button class="btn btn-danger">Climate Changes</button>
```

```
    <button class="btn btn-primary">Importance Of Nature</button>
```

```
    <button class="btn btn-success">Learn More</button>
```

```
  </div>
```

```
</div>
```

```
<div class="carousel-item">
```

```
  
```

```
  <div class="carousel-caption d-none d-md-block">
```

```
    <h2>Nature</h2>
```

```
    <p>Nature, in the broadest sense, is the natural, physical, material
world or universe. "Nature" can refer to the phenomena of the physical world, and
also to life in general. ... Although humans are part of nature, human activity is
often understood as a separate category from other natural phenomena. </p>
```

```
    <button class="btn btn-danger">Climate Changes</button>
```

```
    <button class="btn btn-primary">Importance Of Nature</button>
```

```
<button class="btn btn-success">Learn More</button>
```

```
</div>
```

```
</div>
```

```
<div class="carousel-item">
```

```

```

```
<div class="carousel-caption d-none d-md-block">
```

```
<h2>Nature</h2>
```

```
<p>Nature, in the broadest sense, is the natural, physical, material world or universe. "Nature" can refer to the phenomena of the physical world, and also to life in general. ... Although humans are part of nature, human activity is often understood as a separate category from other natural phenomena.</p>
```

```
<button class="btn btn-danger">Climate Changes</button>
```

```
<button class="btn btn-primary">Importance Of Nature</button>
```

```
<button class="btn btn-success">Learn More</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">Continue</strong>
```

```
<p class="card-text mb-auto">Continue into our courses and learn  
about Nature.</p>
```

```
<a href="#">Continue</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">Test</strong>

    <p class="card-text mb-auto">Test your skills with our quizzes. </p>

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

  </div>

  </div>

</div>

</div>

</div>

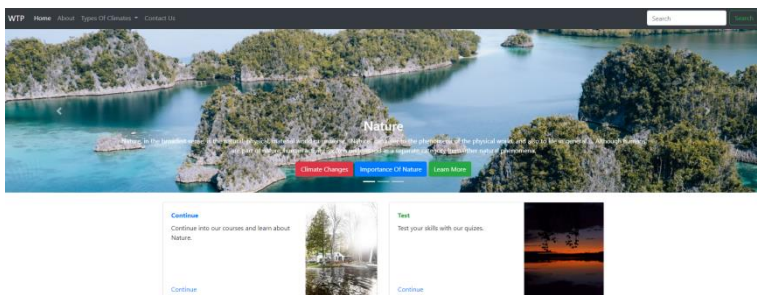
</div>

</body>

</html>

```

OUTPUT:



EXPERIMENT 7

Creating a web page using PHP.

SOL: <!doctype html>

<html lang="en">

<head>

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1">

<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-beta3/dist/css/bootstrap.min.css" rel="stylesheet"

integrity="sha384-eOJMYsd53ii+scO/bJGFsiCZc+5NDVN2yr8+0RDqr0Ql0h+rP48ckxlpbzKgwra6" crossorigin="anonymous">

<title>Practical 7</title>

<body>

<style>.topnav {

overflow: hidden;

background-color: #333;

}

.topnav a {

float: left;

color: #ffffff;

text-align: center;

```
padding: 14px 16px;
text-decoration: none;
font-size: 17px;
}
.topnav a:hover {
background-color: #86becc;
color: rgb(255, 255, 255);
}
.topnav a.active {
background-color: #86becc;
color: rgb(240, 240, 240);
}
</style>
</head>
<div class="topnav" style="border-radius: 5px;">
<a class="active" href="#HOME">HOME</a>
<a href="#Competition">Courses</a>
<a href="#Contact">Editing Material</a>
<a href="#About Us">About Us</a>
</div>
<br>
<div class="alert alert-warning alert-dismissible fade show" role="alert">
```

Accept Cookies for better experience

<button type="button" class="btn-close" data-bs-dismiss="alert" aria-label="Close"></button>

</div><div class="container" >

<div id="carouselExampleSlidesOnly" class="carousel slide" data-bs-ride="carousel">

<div class="carousel-inner">

<div class="carousel-item active">

<center></center>

 <div>

<center><p style="color: rgb(19, 5, 58);"> In This Course I Will Teach You How To Start Adobe Premiere Pro From Scratch.

<div>

REQUIREMENTS:

Ensure you have a stable and great internet connection.

You will need a laptop Or PC With 8GB RAM (recommended).

Adobe Premiere Pro(CC version).

</center>

</div>

</div>

</div>

</div>

</div>

</div>

<div class="card" style="width: 125rem; background: linear-gradient(rgb(107, 192, 23

1),rgb(220, 211, 235))" >

<div class="card-body" alignment="center">

<h5 class="card-title">Our Editing Course </h5>

<p class="cardtext"> Enroll now and start your course </p>

Get Started

</div>

</div>

</body>

</html>

OUTPUT:

