**1a) Introduction to HTML.**

**CODE:**

<!--Enrollment No: 202203103510097

Name: Angat Shah

Branch: B.Tech Computer Science and Engineering-->

<!DOCTYPE html>

<html>

<head>

<title>practical1a</title>

</head>

<body>

<h1>HELLO WORLD</h1>

<h3>Q.1 Introduction to HTML</h3>

<pre>

--> HTML stands for Hyper Text Markup Language.

--> HTML describes the structure of a Web page.

--> HTML elements tell the browser how to display the content.

</pre>

<h3>Q.2 Why we learn HTML</h3>

<pre>

--> HTML is a foundational skill for anyone who has a passing or professional interest in web development.

</pre>

<h3>Q.3 What is HTTP</h3>

<pre>

--> HyperText Transfer Protocol.

</pre>

<h3>Q.4 Basic HTML tags of elements</h3>

<pre>

--> We have used multiple tags below like underline(u),bold(b),italics(i),break line(br).</pre>

<pre>--> <u><B><i>This is my first program on HTML</i></B></u><br></pre>

<h3>Q.5 Advantages of HTML</h3>

<pre>

--> HTML is simple to understand and implement.

--> HTML is the most search engine friendly.

--> HTML is Simple to Edit.

</pre>

<h3>Q.6 Disadvantages of HTML</h3>

<pre>

--> HTML is a static web programming language.

--> HTML provides limited security features.

--> Extensive Code.

</pre>

<h3>Q.7 Structure of HTML tags</h3>

<pre>

html

head

/head

body

/body

/html

</pre>

</body>

</html>

**1b) Write a HTML program to create Hello World Program. [Use <html>, <body>, <title>, comment <!-- --> tags.**

**CODE:**

<!--Enrollment No: 202203103510097

Name: Angat Shah

Branch: B.Tech Computer Science and Engineering-->

<!DOCTYPE html>

<html>

<!--This is part B of practical 1-->

<head>

<title>practical1b</title>

</head>

<body bgcolor="#4FFFF">

<h1 align="center">HELLO WORLD</h1>

</body>

</html>

**2. Write a HTML code to demonstrate use of following text formatting tags: <i>, <b>, <u>, <sup>, <sub>, <h1> to <h6>, <p>, <hr>, <br>,<div>, <span>.**

**CODE:**

<!--Enrollment No: 202203103510097

Name: Angat Shah

Branch: B.Tech Computer Science and Engineering-->

<!DOCTYPE html>

<html>

<head>

<title>practical2</title>

</head>

<body>

<i>Italics</i>

<br>

<b>Bold</b>

<br>

<u>Underline</u>

<br>

The Chemical formula for acetic acid is CH<sub>3</sub>COOH

<br>

11<sup>4</sup>=14641

<HR>

<h1>Heading\_1</h1>

<h2>Heading\_2</h2>

<h3>Heading\_3</h3>

<h4>Heading\_4</h4>

<h5>Heading\_5</h5>

<h6>Heading\_6</h6>

<p>P tag is used to write paragraph</p>

<hr>

<div style="color:blue;background-color: yellow;">

HTML<br>

HyperText Markup Language

</div><br>

<span style=" color:blue ;background-color: yellow;">

HTTP<br>

HyperText Transfer protocol

</span>

</body>

</html>

**3. Write a HTML code to create ordered list, unordered list and definition list.**

**CODE:**

<!--Enrollment No: 202203103510097

Name: Angat Shah

Branch: B.Tech Computer Science and Engineering-->

<!DOCTYPE html>

<html>

<head>

<title>practical3</title>

</head>

<body>

<h4>#Ordered List</h4>

<ol>

<li>KitKat</li>

<li>Dairy Milk</li>

<li>Ferrero Rocher</li>

<li>Schmitten</li>

<li>Teuscher</li>

</ol>

<ol type="I">

<li>Coca-Cola</li>

<li>Pepsi</li>

<li>Mountain Dew</li>

<li>Monster</li>

<li>Iced Tea</li>

</ol>

<ol type="A">

<li>Pizza</li>

<li>Bruschetta</li>

<li>Spaghetti</li>

<li>Tacos</li>

<li>Croissant</li>

</ol><hr>

<h4>#Unordered List</h4>

<ul>

<li>Gucci</li>

<li>Balenciaga</li>

<li>Dior</li>

<li>Chanel</li>

<li>Louis Vuitton</li>

</ul>

<ul type="square">

<li>Bugatti</li>

<li>Rolls-Royce</li>

<li>Ferrari</li>

<li>Maybach</li>

<li>Koenigsegg</li>

</ul>

<ul type="circle">

<li>Rolex</li>

<li>Omega</li>

<li>Patek philippe</li>

<li>Rado</li>

<li>Emporio Armani</li>

</ul>

<ul type="none">

<li>Burberry</li>

<li>Brioni</li>

<li>Prada</li>

<li>Valentino</li>

<li>Givenchy</li>

</ul><hr>

<h4>#Definition List</h4>

<dl>

<dt>HTML</dt>

<dd>Hypertext Markup Language</dd>

<dt>HTTP</dt>

<dd>Hypertext Transfer Protocol</dd>

<dt>WWW</dt>

<dd>World Wide Web</dd>

<dt>URL</dt>

<dd>Uniform Resource Locator</dd>

<dt>CSS</dt>

<dd>Cascading Style Sheets</dd>

</dl>

</body>

</html>

**4. Write a HTML code demonstrates use of images,hyperlinks and background attributes.**

**CODE:**

<!--Enrollment No: 202203103510097

Name: Angat Shah

Branch: B.Tech Computer Science and Engineering-->

<!DOCTYPE html>

<html>

<head>

<title>practical4</title>

<style>

body

{

background-image: url('https://wallpapers.com/images/featured/z03qow0d0d3yuumg.jpg');

background-repeat: no-repeat;

background-attachment: fixed;

background-size: cover;

}

</style>

</head>

<body text="yellow">

<p>Hello there!</p>

<p>This is the preview of how Dubai looks like.</p>

<img src="https://4kwallpapers.com/images/wallpapers/dubai-typography-digital-art-3440x1440-1273.jpg" height="100">

<br>

<p>Click here to See

<a href="https://www.youtube.com/watch?v=ahy5o5nT4oI" target="\_main"><big>DUBAI</big></a><br><br><br>

</body>

</html>

**5. Write a HTML code to create the time table of your class using Table tags.**

**CODE:**

<!--Enrollment No: 202203103510097

Name: Angat Shah

Branch: B.Tech Computer Science and Engineering-->

<!DOCTYPE html>

<html>

<head>

<title>practical5</title>

</head>

<body bgcolor="#fffef9">

</table>

<table border="2" cellspacing="3" align="center" bgcolor="white">

<tr>

<td colspan="10" align="center"><b>AMTICS DIV-C (SEM-2)</b></td>

</tr>

<tr bgcolor="#FFFFE0">

<th align="center">Days</th>

<th>8:30 - 9:30</th>

<th>9:30 - 10:30</th>

<th>10:30 - 10:45</th>

<th>10:45 - 11:45</th>

<th>11:45 - 12:45</th>

<th>12:45 - 1:30</th>

<th>1:30 - 2:30</th>

<th>2:30 - 3:30</th>

<th>3:30 - 4:30</th>

</tr>

<!---------------------------------------------------------------------------------->

<!--Monday-->

<tr>

<td align="center" bgcolor="#FFFFE0">Mon</td>

<!--8:30-10:30-->

<td align="center">ES<br>(VP)</td>

<td align="center">WD<br>(KSS)</td>

<!--10:30-10:45-->

<td rowspan="6" align="center" bgcolor="#c8ee90"><h5>Refreshment<br>Break</h5></td>

<!--10:45-12:45-->

<td align="center">DLD<br>(JAP)</td>

<td align="center">CALCULUS<br>(DP)</td>

<!--12:45-1:30-->

<td rowspan="6" align="center" bgcolor="#c8ee90"><h5>Lunch Break</h5></td>

<!--1:30-3:30-->

<td colspan="2" align="center">WD(EA)(K-102 Lab 2)</td>

<!--3:30-4:30-->

<td align="center">EX</td>

</tr>

<!---------------------------------------------------------------------------------->

<!--Tuesday-->

<tr>

<td align="center" bgcolor="#FFFFE0">Tue</td>

<!--8:30-10:30-->

<td colspan="2" align="center">ED(KKS)(K-201)</td>

<!--10:45-12:45-->

<td align="center"></td>

<td align="center">CALCULUS<br>(DP)</td>

<!--1:30-3:30-->

<td align="center">WD<br>(KSS)</td>

<td align="center">DLD(JAP)</td>

<!--3:30-4:30-->

<td align="center">EX</td>

</tr>

<!---------------------------------------------------------------------------------->

<!--Wednesday-->

<tr>

<td align="center" bgcolor="#FFFFE0">Wed</td>

<!--8:30-10:30-->

<td colspan="2" align="center">B1:NL(HP)(B-204)<br>B2:DLD(JAP)(B-103)</td>

<!--10:45-12:45-->

<td colspan="2" align="center">WD(EA)(K-102 Lab 2)</td>

<!--1:30-3:30-->

<td align="center">PP(TPK)</td>

<td align="center">PP(TPK)</td>

<td align="center">EX</td>

</tr>

<!---------------------------------------------------------------------------------->

<!--Thursday-->

<tr>

<td align="center" bgcolor="#FFFFE0">Thu</td>

<!--8:30-10:30-->

<td colspan="2" align="center">PP(VDB)(K-102 Lab 2)</td>

<!--10:45-12:45-->

<td colspan="2" align="center">ED(KKS)(K-201)</td>

<!--1:30-3:30-->

<td align="center">WD<br>(KSS)</td>

<td align="center">CALCULUS<br>(DP)</td>

<!--3:30-4:30-->

<td align="center">EX</td>

</tr>

<!---------------------------------------------------------------------------------->

<!--Friday-->

<tr>

<td align="center" bgcolor="#FFFFE0">Fri</td>

<!--8:30-10:30-->

<td align="center">ES(KKS)</td>

<td></td>

<!--10:45-12:45-->

<td align="center">DLD<br>(JAP)</td>

<td align="center">PP(TPK)</td>

<!--1:30-3:30-->

<td colspan="2" align="center">PP(VDB)(K-102 Lab 2)</td>

<!--3:30-4:30-->

<td align="center">EX</td>

</tr>

<!---------------------------------------------------------------------------------->

<!--Saturday-->

<tr>

<td align="center" bgcolor="#FFFFE0">Sat</td>

<!--8:30-10:30-->

<td align="center">ES(VP)</td>

<td align="center">ES(VP)</td>

<!--10:45-12:45-->

<td colspan="2" align="center">B1:DLD(JAP)<br>B2:NL(KP)(B-204)</td>

<!--1:30-3:30-->

<td colspan="2" align="center">B1:DLD(JAP)(B-103)<br>B2:NL(KP)(B-204)</td>

<!--3:30-4:30-->

<td align="center">EX</td>

</tr>

</table>

</body>

</html>

**6. Write a HTML code to create a form using the following tags: <form>, <input>(text, password, checkbox, radio, submit, button, reset).**

**CODE:**

<!--Enrollment No: 202203103510097

Name: Angat Shah

Branch: B.Tech Computer Science and Engineering-->

<!DOCTYPE html>

<html>

<head>

<title>practical6</title>

</head>

<body>

<h1 align="center">LOGIN FORM</h1>

<form align="center" action="/action\_page.php">

<input type="text" placeholder="Username">

<br><br>

<input type="password" placeholder="Password">

<br><br>

GENDER:

<label for="101">

<input type="radio" value="Male" name="Gender" id="101">Male

</label>

<label for="102">

<input type="radio" value="Female" name="Gender" id="102">Female

</label>

<br><br>

CITY:

<input type="checkbox" value="Navsari">Navsari

<input type="checkbox" value="Surat"> Surat

<input type="checkbox" value="Valsad">Valsad

<input type="checkbox" value="Ahmedabad">Ahmedabad

<input type="checkbox" value="Gandhinagar">Gandhinagar

<br><br>

<input type="button" value="Done" onclick="alert('save\_practical6')">

<br><br>

<input type="submit">

<input type="reset">

</form>

</body>

</html>

**7. Write a HTML code to create a form using the following tags: <textarea>, <select>, <option>, <fieldset>, <legend>, <button>.**

**CODE:**

<!--Enrollment No: 202203103510097

Name: Angat Shah

Branch: B.Tech Computer Science and Engineering-->

<!DOCTYPE html>

<html>

<head>

<title>practical7</title>

<style>

legend

{

background-color: black;

color: white;

padding: 5px 10px;

width: 20%;

}

</style>

</head>

<body>

<h1 align="center">LOGIN FORM</h1>

<form align="center" action="/action\_page.php">

<fieldset>

<legend>Personal Details</legend>

Name: <input type="text" placeholder="Enter your name"><br><br>

Email-ID: <input type="text" placeholder="Enter email id"><br><br>

Birthdate: <input type="date"><br><br>

Your Favourite Subject:

<select name="Subject" align="center">

<option value="SELECT">SELECT</option>

<option value="DLD">DLD</option>

<option value="Calculus">Calculus</option>

<option value="Web Development">Web Development</option>

<option value="Python Programming">Python Programming</option>

<option value="Networking Lab">Networking Lab</option>

<option value="Engineering Drafting">Engineering Drafting</option>

<option value="Environmental Studies">Environmental Studies</option>

</select><br><br>

<textarea placeholder="Feedback"></textarea><br><br>

<input type="submit">

<input type="reset">

</fieldset>

</form>

</body>

</html>

8. Write internal and inline CSS code to design your product page using the following selector: body, h1, p, hr, img. Apply following properties: color, font, text, background, border..

**CODE:**

<!DOCTYPE html>

<html>

<head>

<title>practical8</title>

</head>

<style>

.name

{

position: absolute;

top: 0.1%;

left: 50%;

font-family:Impact, Haettenschweiler, 'Arial Narrow Bold', sans-serif;

}

.shoes

{

position: absolute;

top: 10%;

left: 3%;

border: 0.1px dashed;

border-color: #979797;

}

.line1

{

position: absolute;

margin-top: 2.5%;

margin-left: 39.7%;

font-family: Verdana, Geneva, Tahoma, sans-serif;

font-size: 30px;

font-weight: normal;

}

.line3

{

position:absolute;

top: 15%;

margin-left: 39.7%;

font-family: Arial, Helvetica, sans-serif;

}

.price

{

position:absolute;

top: 20%;

margin-left: 39.7%;

font-family: Arial, Helvetica, sans-serif;

}

.tax

{

position:absolute;

top: 23.5%;

margin-left: 37.3%;

font-family:Arial, Helvetica, sans-serif;

}

.button1

{

position: absolute;

top: 40%;

left: 40%;

background-color: black;

border: none;

color: white;

padding: 3px;

padding-top: 1%;

padding-right: 8%;

padding-bottom: 1%;

padding-left: 8%;

text-align: center;

display: inline-block;

font-size: 16px;

margin: 4px 2px;

cursor: pointer;

border-radius: 25px;

font-family: Arial, Helvetica, sans-serif;

}

.button2

{

position: absolute;

top: 47%;

left: 40%;

background-color: black;

border: none;

color: white;

padding: 3px;

padding-top: 1%;

padding-right: 8.8%;

padding-bottom: 1%;

padding-left: 8.8%;

text-align: center;

display: inline-block;

font-size: 16px;

margin: 4px 2px;

cursor: pointer;

border-radius: 25px;

font-family: Arial, Helvetica, sans-serif;

}

</style>

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

<H1 class="name">NIKE</H1>

<div class="position">

<a href="https://www.nike.com/in/t/air-jordan-2-retro-shoes-KGJqKf/DX2454-106">

<img src="https://upload.wikimedia.org/wikipedia/commons/3/36/Logo\_nike\_principal.jpg" height="50" alt="nike logo"></a>

<div class="shoes">

<img src="https://static.nike.com/a/images/t\_PDP\_864\_v1/f\_auto,b\_rgb:f5f5f5/4cb56aa4-2e8e-4052-9425-63224fe568ec/air-jordan-2-retro-shoes-KGJqKf.png" height="300" alt="left side pointing shoe">

<img src="https://static.nike.com/a/images/t\_PDP\_864\_v1/f\_auto,b\_rgb:f5f5f5/4d06f180-6674-4a77-b4fa-2dbae6e7da26/air-jordan-2-retro-shoes-KGJqKf.png" height="300" alt="full pair front"><br>

<img src="https://static.nike.com/a/images/t\_PDP\_864\_v1/f\_auto,b\_rgb:f5f5f5/355db53c-7d99-4dc2-a0c2-d53f8cdfc526/air-jordan-2-retro-shoes-KGJqKf.png" height="300" alt="right side pointing shoe">

<img src="https://static.nike.com/a/images/t\_PDP\_864\_v1/f\_auto,b\_rgb:f5f5f5/2f9641ba-f7c6-44a3-8a31-d17b02c3136c/air-jordan-2-retro-shoes-KGJqKf.png" height="300" alt="full pair back">

</div>

<h1 class="line1">Air Jordan 2 Retro</h1>

<p class="line3">Men's Shoes</p>

<p class="price">MRP : ₹ 18 395.00</p>

<pre class="tax" style="color: #979797;">

incl. of taxes

(Also includes all applicable duties)</pre>

<button class="button1" onclick="alert('ADDED TO BAG')">ADD TO BAG</button>

<button class="button2" onclick="alert('FIRST EARN SOME MONEY')">BUY NOW</button>

</div>

</body>

</html>

**9. Write a CSS code to design your product page using class, id and pseudo class selectors. Apply following properties: color, font, text, background, border, margin,**

**padding, list-style and position using concept of class(.) and id(#), pseudo class selector, internal and external CSS.**

**CODE:**

**HTML FILE→**

<!--Enrollment No: 202203103510097

Name: Angat Shah

Branch: B.Tech Computer Science and Engineering-->

<!DOCTYPE html>

<html>

<head>

<link rel="stylesheet" href="practical9.css">

<title>practical9</title>

<style>

a

{

color: black;

text-decoration: none;

}

#price

{

position: absolute;

top: 34.5%;

left: 42.2%;

font-family: 'Courier New', Courier, monospace;

}

#tax

{

opacity: 40%;

font-family: Arial, Helvetica, sans-serif;

}

</style>

</head>

<body background="">

<div><a href="https://www.ethoswatches.com/product-jacob-co-bugatti-chiron-tb-bu200-30-aa-aa-b.html#brand-collection">

<h1 align="center">JACOB & CO.</h1></a></div><hr>

<div class="watch">

<img src="https://cdn1.ethoswatches.com/media/catalog/product/cache/6e5de5bc3d185d8179cdc7258143f41a/j/a/jacob-co-bugatti-chiron-tb-bu200-30-aa-aa-b-large.jpg" height="380" alt="watch photo">

</div>

<div id="line1">

<p><i>Bugatti Chiron Tourbillon Rose Gold</i></p>

</div>

<div id="line2">

<p>BU200.40.AA.AA.BBRUA</p>

<hr style="width : 203%; opacity: 50%;">

</div>

<div id="price">

<p>MRP ₹ 3,54,50,000</p>

<p id="tax">\*Inclusive of all taxes</p>

<button class="button" onclick="alert('NICE JOKE')">BUY NOW</button>

</div>

</body>

</html>

**CSS FILE→**

/\* Enrollment No: 202203103510097

Name: Angat Shah

Branch: B.Tech Computer Science and Engineering\*/

h1

{

font-family: 'Trebuchet MS';

}

.watch

{

position: absolute;

top : 24%;

left: 15.5%;

border: 10px groove;

border-color: #B18467;

padding: 2%;

}

#line1

{

position: absolute;

font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;

color: #9D0000;

top: 22%;

left: 42%;

font-size: 25px;

font-weight: lighter;

}

#line2

{

position: absolute;

font-family: 'Courier New', Courier, monospace;

top: 28%;

left: 42%;

opacity: 40%;

}

.button

{

background-color: white;

border: 1px solid black;

padding: 3px;

padding-top: 2%;

padding-right: 18.8%;

padding-bottom: 2%;

padding-left: 18.8%;

text-align: center;

font-size: 20px;

cursor: pointer;

border-radius: 8px;

}

.button:hover

{

background-color: #9D0000;

color: white ;

}

10. Create a responsive HTML web page using Bootstrap4 Framework.

**CODE:**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="utf-8">

<meta content="" name="keywords">

<link href="assets/img/favicon.png" rel="icon">

<link href="assets/img/apple-touch-icon.png" rel="apple-touch-icon">

<link href="https://fonts.googleapis.com/css?family=Poppins:300,300i,400,400i,600,600i,700,700i|Satisfy|Comic+Neue:300,300i,400,400i,700,700i" rel="stylesheet">

<link href="assets/vendor/animate.css/animate.min.css" rel="stylesheet">

<link href="assets/vendor/bootstrap/css/bootstrap.min.css" rel="stylesheet">

<link href="assets/vendor/bootstrap-icons/bootstrap-icons.css" rel="stylesheet">

<link href="assets/vendor/boxicons/css/boxicons.min.css" rel="stylesheet">

<link href="assets/vendor/glightbox/css/glightbox.min.css" rel="stylesheet">

<link href="assets/vendor/swiper/swiper-bundle.min.css" rel="stylesheet">

<link href="assets/css/style.css" rel="stylesheet">

</head>

<body>

<header id="header" class="fixed-top d-flex align-items-center header-transparent">

<div class="container-fluid container-xl d-flex align-items-center justify-content-between">

<div class="logo me-auto">

<h1><a href="index.html">Rousseau's</a></h1>

</div>

<nav id="navbar" class="navbar order-last order-lg-0">

<ul>

<li><a class="nav-link scrollto active" href="#hero">Home</a></li>

<li><a class="nav-link scrollto" href="#about">About</a></li>

<li><a class="nav-link scrollto" href="#menu">Menu</a></li>

<li><a class="nav-link scrollto" href="#specials">Specials</a></li>

<li><a class="nav-link scrollto" href="#chefs">Chefs</a></li>

<li><a class="nav-link scrollto" href="#contact">Contact</a></li>

</ul>

<i class="bi bi-list mobile-nav-toggle"></i>

</nav>

<a href="#book-a-table" class="book-a-table-btn scrollto">Book a table</a>

</div>

</header>

<section id="hero">

<div class="hero-container">

<div id="heroCarousel" data-bs-interval="5000" class="carousel slide carousel-fade" data-bs-ride="carousel">

<ol class="carousel-indicators" id="hero-carousel-indicators"></ol>

<div class="carousel-inner" role="listbox">

<div class="carousel-item active" style="background-image: url(assets/img/slide/slide-1.jpg);">

<div class="carousel-container">

<div class="carousel-content">

<h2 class="animate\_\_animated animate\_\_fadeInDown"><span>Rousseau's</span> Restaurant</h2>

<p class="animate\_\_animated animate\_\_fadeInUp">Ut velit est quam dolor ad a aliquid qui aliquid. Sequi ea ut et est quaerat sequi nihil ut aliquam. Occaecati alias dolorem mollitia ut. Similique ea voluptatem. Esse doloremque accusamus repellendus deleniti vel. Minus et tempore modi architecto.</p>

<div>

<a href="#menu" class="btn-menu animate\_\_animated animate\_\_fadeInUp scrollto">Our Menu</a>

<a href="#book-a-table" class="btn-book animate\_\_animated animate\_\_fadeInUp scrollto">Book a Table</a>

</div>

</div>

</div>

</div>

<div class="carousel-item" style="background-image: url(assets/img/slide/slide-2.jpg);">

<div class="carousel-container">

<div class="carousel-content">

<h2 class="animate\_\_animated animate\_\_fadeInDown">Lorem Ipsum Dolor</h2>

<p class="animate\_\_animated animate\_\_fadeInUp">Ut velit est quam dolor ad a aliquid qui aliquid. Sequi ea ut et est quaerat sequi nihil ut aliquam. Occaecati alias dolorem mollitia ut. Similique ea voluptatem. Esse doloremque accusamus repellendus deleniti vel. Minus et tempore modi architecto.</p>

<div>

<a href="#menu" class="btn-menu animate\_\_animated animate\_\_fadeInUp scrollto">Our Menu</a>

<a href="#book-a-table" class="btn-book animate\_\_animated animate\_\_fadeInUp scrollto">Book a Table</a>

</div>

</div>

</div>

</div>

<div class="carousel-item" style="background-image: url(assets/img/slide/slide-3.jpg);">

<div class="carousel-container">

<div class="carousel-content">

<h2 class="animate\_\_animated animate\_\_fadeInDown">Sequi ea ut et est quaerat</h2>

<p class="animate\_\_animated animate\_\_fadeInUp">Ut velit est quam dolor ad a aliquid qui aliquid. Sequi ea ut et est quaerat sequi nihil ut aliquam. Occaecati alias dolorem mollitia ut. Similique ea voluptatem. Esse doloremque accusamus repellendus deleniti vel. Minus et tempore modi architecto.</p>

<div>

<a href="#menu" class="btn-menu animate\_\_animated animate\_\_fadeInUp scrollto">Our Menu</a>

<a href="#book-a-table" class="btn-book animate\_\_animated animate\_\_fadeInUp scrollto">Book a Table</a>

</div>

</div>

</div>

</div>

</div>

<a class="carousel-control-prev" href="#heroCarousel" role="button" data-bs-slide="prev">

<span class="carousel-control-prev-icon bi bi-chevron-left" aria-hidden="true"></span>

</a>

<a class="carousel-control-next" href="#heroCarousel" role="button" data-bs-slide="next">

<span class="carousel-control-next-icon bi bi-chevron-right" aria-hidden="true"></span>

</a>

</div>

</div>

</section>

<main id="main">

<a href="#" class="back-to-top d-flex align-items-center justify-content-center"><i class="bi bi-arrow-up-short"></i></a>

<script src="assets/vendor/bootstrap/js/bootstrap.bundle.min.js"></script>

<script src="assets/vendor/glightbox/js/glightbox.min.js"></script>

<script src="assets/vendor/isotope-layout/isotope.pkgd.min.js"></script>

<script src="assets/vendor/swiper/swiper-bundle.min.js"></script>

<script src="assets/vendor/php-email-form/validate.js"></script>

<script src="assets/js/main.js"></script>

</body>

</html>

**11. Write a CSS code for applying animation, shadows, text effects and gradients to design a web page.**

**CODE:**

<!--Enrollment No: 202203103510097

Name: Angat Shah

Branch: B.Tech Computer Science and Engineering-->

<!DOCTYPE html>

<html>

<head>

<title>practical11</title>

<style>

h1

{

color: plum;

text-shadow: 1px 1px 2px yellow, 0 0 25px pink, 0 0 15px yellow;

}

.gradient

{

height: 200px;

background: linear-gradient(to right,pink,yellow,lightgreen,cyan);

}

p

{

writing-mode: vertical-rl;

position: absolute;

left:48.5%;

color: blueviolet;

opacity: 40%;

}

.animation

{

animation-name: box;

height: 30px;

width:300px;

position: relative;

animation-duration: 0.5s;

animation-iteration-count: infinite;

animation-direction: normal;

animation-timing-function: alternate;

font-family:cursive;

}

@keyframes box

{

0% {background-color: cyan; left: 0px; top: 0px;}

33.33% {background-color: lightgreen; left: calc(100% - 300px); top:calc(100% - 30px);}

66.66% {background-color: yellow; left: calc(100% - 300px); top: 0px;}

80% {background-color:pink; left: 0px; top:calc(100% - 30px)}

100% {background-color: pink,yellow,lightgreen,cyan; left: 0px; top: 0px;}

}

.b

{

height: 50px;

width: 200px;

color: violet;

background: linear-gradient(to right,pink,yellow,lightgreen,cyan);

border-radius: 12px;

cursor: pointer;

box-shadow: 1px 1px 2px yellow,0 0 25px pink, 0 0 15px yellow;

}

.b:hover

{

animation: hide;

animation-duration: 2s;

}

@keyframes hide

{

0%{opacity:0;}

25%{opacity:0.25;}

50%{opacity:0.5;}

75%{opacity:0.75;}

100%{opacity:1;}

}

</style>

</head>

<body>

<center><h1>~ ANIMATION ~</h1></center>

<div class="gradient">

<p>$$$$$$$$$$$$$$$$$$$$</p>

<div class="animation" align="center">Catch Me!</div>

</div><br><br>

<center><button class="b" onclick="alert('GET OUT')">Click Here!</button></center>

</body>

</html>

**12. Write a JavaScript to show alert, confirm and prompt boxes.**

**CODE:**

<!--Enrollment No: 202203103510097

Name: Angat Shah

Branch: B.Tech Computer Science and Engineering-->

<!DOCTYPE html>

<html>

<head>

<title>practical12</title>

</head>

<style>

h2

{

font-family: 'Courier New', Courier, monospace;

}

</style>

<body>

<center>

<h2>CLICK A BUTTON</h2>

<input type="button" value="Prompt Box" onclick='prompt("This is prompt box")'>

<input type="button" value="Confirm Box" onclick='confirm("This is confirm box")'>

<input type="button" value="Alert Box" onclick='alert("This is Alert box")'>

</center>

</body>

</html>

**Q.13 Write a JavaScript function to find a maximum of three numbers taken from a user using if-else and print it.**

**CODE:**

<!--Enrollment No: 202203103510097

Name: Angat Shah

Branch: B.Tech Computer Science and Engineering-->

<!DOCTYPE html>

<html>

<head>

<title>practical13</title>

<script>

function largest()

{

var num1, num2, num3;

num1 = parseInt(document.getElementById("num1").value);

num2 = parseInt(document.getElementById("num2").value);

num3 = parseInt(document.getElementById("num3").value);

if(num1 >= num2 && num1 >= num3)

{

document.getElementById('print').innerHTML=("The Largest Number --> " + num1)

}

else if(num2 >= num1 && num2 >= num3)

{

document.getElementById('print').innerHTML=("The Largest Number --> " + num2)

}

else

{

document.getElementById('print').innerHTML=("The Largest Number --> " + num3)

}

}

</script>

<style>

legend

{

padding: 5px 10px;

background-color: black;

color: white;

}

</style>

</head>

<center><body style="font-family: 'Trebuchet MS', 'Lucida Sans Unicode', 'Lucida Grande', 'Lucida Sans', Arial, sans-serif;">

<fieldset style="width: calc(100% - 900px);">

<legend>LARGEST NUMBER</legend><br><br>

FIRST NUMBER: <input type="number" id="num1" placeholder="Enter first number"><br><br>

SECOND NUMBER: <input type="number" id="num2" placeholder="Enter Second number"><br><br>

THIRD NUMBER: <input type="number" id="num3" placeholder="Enter Third number"><br><br>

<button onclick="largest()" style="font-family:Verdana, Geneva, Tahoma, sans-serif">RESULT</button><br>

<p id="print"></p><br>

</fieldset></center>

</body>

</html>

**Q.14 Print date and time on click of a button using inner HTML in JavaScript.**

**CODE:**

<!--Enrollment No: 202203103510097

Name: Angat Shah

Branch: B.Tech Computer Science and Engineering-->

<!DOCTYPE html>

<html>

<head>

<title>practical14</title>

<script>

function info()

{

document.getElementById("d&t").innerHTML=Date()

alert(Date())

}

</script>

</head>

<body style="font-family:Arial, Helvetica, sans-serif"><center>

<h1>INDIAN STANDARD TIME (IST)</h1>

Click Here To See --> <button onclick="info()">DATE & TIME</button>

<p id="d&t"></p>

</body></center>

</html>

**Q.15 Write a HTML/JavaScript code to create a simple calculator.**

**CODE:**

<!DOCTYPE html>

<html>

<head>

<title>practical15</title>

<link rel="stylesheet" href="calc.css">

</head>

<body>

<div class="container">

<div class="calculator">

<form>

<div class="display">

<input type="text" name="display">

</div>

<div>

<input type="button" value="AC" onclick="display.value = '' " class="operator">

<input type="button" value="DE" onclick="display.value = display.value.toString().slice(0,-1)" class="operator">

<input type="button" value="." onclick="display.value += '.' " class="operator">

<input type="button" value="/" onclick="display.value += '/' " class="operator">

</div>

<div>

<input type="button" value="7" onclick="display.value += '7' ">

<input type="button" value="8" onclick="display.value += '8' ">

<input type="button" value="9" onclick="display.value += '9' ">

<input type="button" value="\*" onclick="display.value += '\*' " class="operator">

</div>

<div>

<input type="button" value="4" onclick="display.value += '4' ">

<input type="button" value="5" onclick="display.value += '5' ">

<input type="button" value="6" onclick="display.value += '6' ">

<input type="button" value="-" onclick="display.value += '-' " class="operator">

</div>

<div>

<input type="button" value="1" onclick="display.value += '1' ">

<input type="button" value="2" onclick="display.value += '2' ">

<input type="button" value="3" onclick="display.value += '3' ">

<input type="button" value="+" onclick="display.value += '+' " class="operator">

</div>

<div>

<input type="button" value="00" onclick="display.value += '00' ">

<input type="button" value="0" onclick="display.value += '0' ">

<input type="button" value="=" onclick="display.value = eval(display.value)" class="equal operator">

</div>

</form>

</div>

</div>

</body>

</html>

\*

{

margin: 0;

padding: 0;

font-family: sans-serif;

box-sizing:border-box;

}

.container

{

width: 100%;

height: 100vh;

display: flex;

align-items: center;

justify-content: center;

}

.calculator

{

background: #3a4452;

padding: 20px;

border-radius: 10px;

}

.calculator form input

{

border: 0;

outline: 0;

width: 60px;

height: 60px;

border-radius: 10px;

box-shadow: -8px -8px 15px rgba(255,255,255,0.1),5px 5px 15px rgba(0,0,0,0.2);

background: transparent;

font-size: 20px;

color: #fff;

cursor: pointer;

margin: 10px;

}

form .display

{

display: flex;

justify-content: flex-end;

margin: 20px 0;

}

form .display input

{

text-align: right;

flex: 1;

font-size: 45px;

box-shadow: none;

}

form input.equal

{

width: 145px;

}

form input.operator

{

color: #33ffd8;

}

**Q.16 Write JavaScript to validate book issue form.**

**CODE:**

<!--Enrollment No: 202203103510097

Name: Angat Shah

Branch: B.Tech Computer Science and Engineering-->

<!DOCTYPE html>

<html>

<head>

<title>practical16</title>

<script>

function validation()

{

let a = document.forms["my\_form"]["name"].value;

if(a == "")

{

alert("Enter The Name");

return false;

}

}

</script>

</head><center>

<body style="font-family:'Lucida Sans', 'Lucida Sans Regular', 'Lucida Grande', 'Lucida Sans Unicode', Geneva, Verdana, sans-serif;">

<fieldset style="width:calc(100% - 600px);">

<legend style="border:4px outset black; color:white; background-color: gray;">LIBRARY BOOK LOAN FORM</legend>

<div class="align">

<form name="my\_form" action="/action\_page.php" onsubmit="return validation()" method="post">

NAME: <input type="text" name="name" placeholder="Enter Name"><br><br>

ENROLLMENT: <input type="number" name="en\_no" placeholder="Enter Enrollment Number" required><br><br>

EMAIL-ID: <input type="email" placeholder="Enter Mail" required><br><br>

BOOK TITLE: <input type="text" placeholder="Enter Tilte" required><br><br>

BOOK BARCODE NUMBER: <input type="number" placeholder="Enter Barcode" required><br><br>

DEPARTMENT:

<label for="101">

<input type="radio" value="AMTICS" id="101" name="dep">AMTICS

</label>

<label for="102">

<input type="radio" value="BMIT" id="102" name="dep">BMIT

</label>

<label for="103">

<input type="radio" value="CGPIT" id="103" name="dep">CGPIT

</label>

<label for="104">

<input type="radio" value="PHARMACY" id="104" name="dep">PHARMACY

</label>

<label for="105">

<input type="radio" value="SRIMCA" id="105" name="dep">SRIMCA

</label><br><br>

ISSUE DATE: <input type="date"><br><br>

RETURN DATE: <input type="date"><br><br>

<input type="submit">

<input type="reset">

</div>

</form>

</fieldset>

</body></center>

</html>

**Q.17 Write a code to implement dynamic web page for adding and deleting elements.**

**CODE**:

<!--Enrollment No: 202203103510097

Name: Angat Shah

Branch: B.Tech Computer Science and Engineering-->

<!DOCTYPE html>

<html>

<head>

<title>practical17</title>

<style>

h1

{

color: chartreuse;

text-shadow: 0 0 15px yellow;

}

button

{

color: black;

background: yellow;

font-weight: 500;

padding-left: 3%;

padding-top: 1%;

padding-right: 3%;

padding-bottom: 1%;

border: 2px solid chartreuse;

cursor: pointer;

border-radius: 20px;

}

button:hover

{

background: white;

}

</style>

<script>

function add\_image()

{

var img = document.createElement("img");

document.getElementById("image1").appendChild(img);

img.src = "https://images6.alphacoders.com/126/thumbbig-1261894.webp";

}

function remove\_image()

{

document.getElementById("image1").remove ();

}

</script>

</head>

<body style="font-family:'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;"><center>

<h1>NATURE</h1>

<button onclick="add\_image()">ADD IMAGE</button>

<button onclick="remove\_image()">REMOVE IMAGE</button><br><br>

<div id="image1" style="height: 200px;"></div>

</body></center>

</html>

**Q.18 Write a JavaScript program which initialize jQuery and access various properties of html tags using jQuery methods.**

**CODE:**

*<!--Enrollment No: 202203103510097*

*Name: Angat Shah*

*Branch: B.Tech Computer Science and Engineering-->*

<!DOCTYPE html>

<html>

<head>

<title>practical18</title>

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.3/jquery.min.js"></script>

<script>

$(document).ready(function() {

$("button").click(function() {

$("p").hide();

})

});

</script>

</head>

<body><center>

<h1>JQuery</h1>

<p id="p">JQuery is a JavaScript framework designed to simplify HTML DOM tree traversal and manipulation,<BR> as well as event handling, CSS animation, and Ajax.</p>

<p id="p">JQuery is used by 77% of the 10 million most popular websites</p><br>

<button id="button">Click Here</button>

</body></center>

</html>

**Q.19 Write a code to read and update value of text box using jQuery.**

**CODE:**

*<!--Enrollment No: 202203103510097*

*Name: Angat Shah*

*Branch: B.Tech Computer Science and Engineering-->*

<!DOCTYPE html>

<html>

<head>

<title>practical19</title>

<style>

@import url(https://fonts.googleapis.com/css2?family=Poppins:wght@300&display=swap);

</style>

</head>

<body style="font-family: 'Poppins',sans-serif;"><center>

<h2>JQuery</h2>

<label>USERNAME</label>

<input type="text" id="username" value="Enter Username" /><br><br>

<button id="btn\_submit">Submit</button><br><br>

<div id="result"></div>

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.3/jquery.min.js"></script>

<script>

$(document).ready(function() {

$("#username").click(function() {

$(*this*).val("");

});

$("#btn\_submit").click(function(){

var value = $("#username").val();

$("#result").text("Your Entered Response: " + value);

$("#username").val("");

});

});

</script>

</body></center>

</html>

**Q.20 a) Write a jQuery function to find maximum of three numbers taken from user.**

**CODE:**

*<!--Enrollment No: 202203103510097*

*Name: Angat Shah*

*Branch: B.Tech Computer Science and Engineering-->*

<!DOCTYPE html>

<html>

<head>

<title>practical20a </title>

<style>

@import url(https://fonts.googleapis.com/css2?family=Poppins:wght@300&display=swap);

</style>

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>

</head>

<body style="font-family: 'Poppins',sans-serif;"><center>

<fieldset style="width: calc(100% - 800px);">

<legend align="center" style=" padding: 5px 10px; background-color: black;color: white;">LARGEST NUMBER USING JQUERY</legend><br><br>

FIRST NUMBER: <input type="text" id="a" placeholder="Enter First number"><br><br>

SECOND NUMBER: <input type="text" id="b" placeholder="Enter Second number"><br><br>

THIRD NUMBER: <input type="text" id="c" placeholder="Enter Third number"><br><br>

<input id="trig" type="submit" value="Calculate"></fieldset></center>

<script>

$("#trig").click(function()

{

var num1=parseInt($("#a:text").val());

var num2=parseInt($("#b:text").val());

var num3=parseInt($("#c:text").val());

large=num1;

if(large<num2)large=num2;

if(large<num3)large=num3;

alert("LARGEST NUMBER --> " + large);

});

</script>

</body>

</html>

**Q.20b) Print date and time on click of a button using html method of jQuery.**

**CODE:**

*<!--Enrollment No: 202203103510097*

*Name: Angat Shah*

*Branch: B.Tech Computer Science and Engineering-->*

<!DOCTYPE html>

<html>

<head>

<title>practical20b</title>

<style>

@import url(https://fonts.googleapis.com/css2?family=Poppins:wght@300&display=swap);

</style>

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.3/jquery.min.js"></script>

</head>

<body style="font-family: 'Poppins',sans-serif;"><center>

<fieldset style="width: calc(100% - 800px);">

<legend align="center" style=" padding: 5px 10px; background-color: black;color: white;">JQuery</legend><br>

Click Here to Get Today's Date

<button id="get">Get date</button>

<h1></h1></center></fieldset>

<script>

$("#get").click(function(){

var date = new Date();

$("h1").html(date.getDate()+"/"+(date.getMonth()+1)+"/"+(date.getFullYear()))

});

</script>

</body>

</html>

**Q.21 Write JavaScript code to validate book issue form using jQuery validate.**

**CODE:**

*<!--Enrollment No: 202203103510097*

*Name: Angat Shah*

*Branch: B.Tech Computer Science and Engineering-->*

<!DOCTYPE html>

<html>

<head>

<title>practical21</title>

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/jqueryui/1.12.1/jquery-ui.min.css" />

<style>

@import url(https://fonts.googleapis.com/css2?family=Poppins:wght@300&display=swap);

input

{

border-radius: 18px;

border: 0.2px solid black;

}

.sub

{

padding: 9px;

border-radius: 8px;

}

.sub:hover

{

color: white;

background: black;

}

</style>

</head>

<body style="font-family: 'Poppins',sans-serif;"><center>

<h1>LIBRARY BOOK LOAN FORM USING JQUERY</h1>

<form id="my\_form">

<label>MEMBER NAME</label>

<input type="text" id="memberName" name="memberName"><br><br>

<label>BOOK TITLE</label>

<input type="text" id="bookTitle" name="bookTitle"><br><br>

<label>ISSUE DATE</label>

<input type="date" id="issueDate" name="issueDate"><br><br>

<input type="submit" class="sub" value="Submit">

</form>

<script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>

<script src="https://code.jquery.com/ui/1.12.1/jquery-ui.min.js"></script>

<script src="https://cdnjs.cloudflare.com/ajax/libs/jquery-validate/1.19.3/jquery.validate.min.js"></script>

<script>

$(document).ready(function() {

*// Initialize the jQuery Validate plugin*

$("#my\_form").validate({

rules: {

bookTitle: {

required: true

},

memberName: {

required: true

},

issueDate: {

required: true,

date: true

}

},

messages: {

bookTitle: {

required: " --> Enter a Book Title."

},

memberName: {

required: " --> Enter a Member Name."

},

issueDate: {

required: " --> Enter an Issue Date.",

date: " --> Enter a valid date."

}

},

submitHandler: function(form) {

form.submit();

onclick(alert('Form Submitted Successfully'))

}

});

});

</script></center>

</body>

</html>