

ST. ANDREWS INSTITUTE OF TECHNOLOGY & MANAGEMENT

Gurgaon Delhi (NCR)

Approved by AICTE, Govt. of India, New Delhi

Affiliated to Maharshi Dayanand University

'A' Grade State University, accredited by NAAC



Bachelor of Computer Application

Semester: 4th

Practical Web Designing LAB

**Submitted To:
Mr.: Rahul Sir**

**Submitted by:
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Roll No: 229009
(BCA4th Sem)**

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Sr. No.	Experiment	Date	Signature
1.	Write a program to illustrate various Text formatting tags.		
2.	Write a program to illustrate various Text Style tags.		
3.	Write a program to make a linkable image that is downloadable.		
4.	Write a program to create student registration form using tables.		
5.	Write a program to make a chat box using html, CSS and JavaScript.		

[1.] Write a program to illustrate various Text formatting tags.

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Text Formatting Tags</title>
</head>
<body style="background-color: rgb(221, 134, 28);">

<!-- Heading Tags -->
<h1>Welcome to Heading level 1</h1>
<h2>Welcome to Heading level 2</h2>
<h3>Welcome to Heading level 3</h3>
<h4>Welcome to Heading level 4</h4>
<h5>Welcome to Heading level 5</h5>
<h6>Welcome to Heading level 6</h6>

</body>
</html>
```

Output :

Welcome to Heading level 1

Welcome to Heading level 2

Welcome to Heading level 3

Welcome to Heading level 4

Welcome to Heading level 5

Welcome to Heading level 6

[2.] Write a program to illustrate various Text Style tags.

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Text Style Tags</title>
</head>
<body style="background-color: aqua;">

<!-- Bold Tag -->
<p>This is <b>bold</b> text.</p>

<!-- Italic Tag -->
<p>This is <i>italic</i> text.</p>

<!-- Underline Tag -->
<p>This is <u>underlined</u> text.</p>

<!-- Strong Tag -->
<p>This is <strong>strong</strong> text.</p>

<!-- Emphasis Tag -->
<p>This is <em>emphasized</em> text.</p>

<!-- Mark Tag -->

<p>This text is <mark>highlighted</mark>.</p>
```

```
<!-- Strikethrough Tag -->
<p>This text is <del>strikethrough</del>.</p>
```

```
<!-- Subscript Tag -->
<p>This is H<sub>2</sub>O.</p>
```

```
<!-- Superscript Tag -->
<p>This is x<sup>2</sup>.</p>
```

```
</body>
</html>
```

Output :

This is **bold** text.

This is *italic* text.

This is underlined text.

This is **strong** text.

This is *emphasized* text.

This text is highlighted.

This text is ~~strikethrough~~.

This is H₂O.

This is x².

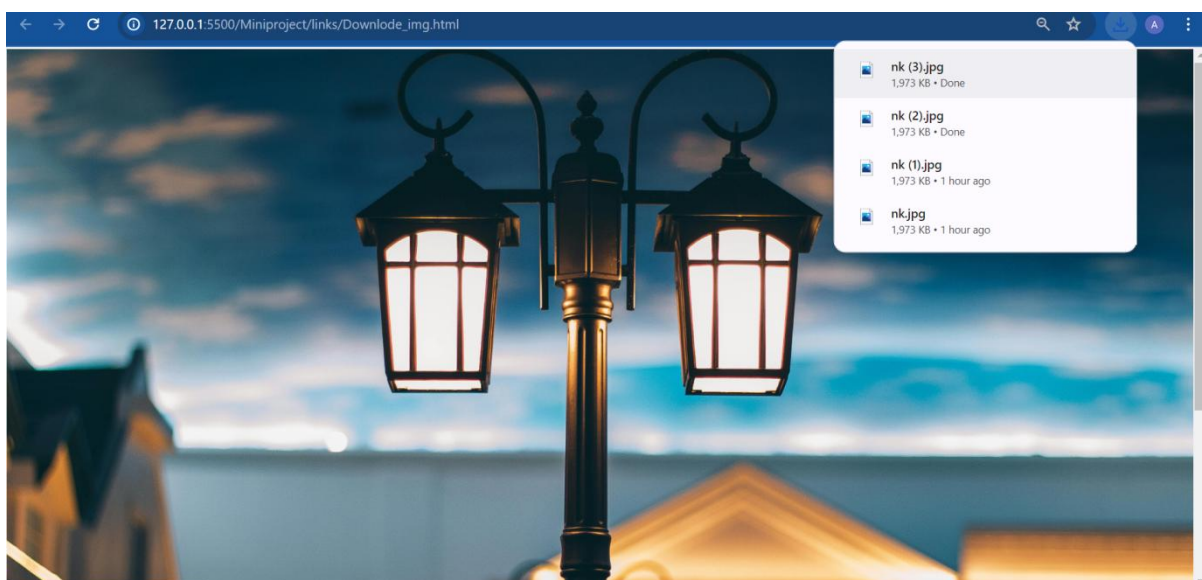
[3.] Write a program to make a linkable image that is downloadable.

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Linkable and Downloadable Image</title>
</head>
<body>
```

```
<a href="nk.jpg" download>
  
</a>
```

```
</body>
</html>
```

Output :



[4.] Write a program to create student registration form using tables.

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

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
  <Style>
    h1 {
      text-align: left;
      text-decoration: none;
    }

    body {

      width: 100%;
      height: 100vh;
      display: grid;
      justify-content: center;
      align-items: center;
    }
    .end{
      margin-left: 30%;
    }
  }
  table{
    border:1px solid black;
    padding: 5px;
    background-color: lightblue;
  }

</STYLE>
</head>

<body>
  <h1>Student Registration Form</h1>
  <table>
    <tr>
      <td><label for="name">Name</label></td>
      <td><input type="text" id="name"></td>
    </tr>
    <tr>
      <td><label for="surname">Surname</label></td>
      <td><input type="text" id="surname"></td>
    </tr>
    <tr>
      <td><label for="dob">Date of Birth</label></td>
      <td><select name="dob" id="dob">
        <option value="1" selected disabled>Day</option>
        <option value="2">1</option>
        <option value="3">2</option>
        <option value="4">3</option>
        <option value="5">4</option>
        <option value="6">5</option>
        <option value="7">6</option>
        <option value="8">7</option>
        <option value="9">8</option>
        <option value="10">9</option>
        <option value="11">10</option>
        <option value="12">11</option>
        <option value="13">12</option>
        <option value="14">14</option>
      </select>
      <select name="dob" id="dob">
        <option value="1" selected disabled>Month</option>
        <option value="2">January</option>
        <option value="3">February</option>
        <option value="4">March</option>
        <option value="5">April</option>
        <option value="6">May</option>
        <option value="7">June</option>
      </select>
    </td>
  </tr>
  </table>
</body>
```

<option value="8">July</option>

<option value="9">August</option>

<option value="10">September</option>

<option value="11">October</option>

<option value="12">November</option>

<option value="13">December</option>

</select>

<select name="dob" id="dob">

<option value="1" selected disabled>year</option>

<option value="2">2021</option>

<option value="3">2022</option>

<option value="4">2023</option>

<option value="5">2024</option>

<option value="6">2025</option>

<option value="7">2026</option>

<option value="8">2027</option>

<option value="9">2028</option>

<option value="10">2029</option>

<option value="11">2030</option>

</select>

</td>

</tr>

<tr>

<td><label for="email">Email</label></td>

<td><input type="email" id="email"></td>

</tr>

<tr>

<td><label for="mobile">Mobile</label></td>

<td><input type="number" id="mobile"></td>

</tr>

<tr>

<td><label for="gender">Gender</label></td>

<td>

<label for="male">Male</label>

<input type="radio" name="gender" value="male" id="male">

<label for="female">Female</label>

<input type="radio" name="gender" value="female" id="female">

</td>

</tr>

<tr>

<td><label for="address">Address</label></td>

<td><textarea name="address" id="address" cols="30" rows="10"></textarea></td>

</tr>

<tr>

<td><label for="city">City</label></td>

<td><input type="text" id="city"></td>

</tr>

<tr>

<td><label for="state">State</label></td>

<td><input type="text" id="state"></td>

</tr>

<tr>

<td><label for="country">Country</label></td>

<td><input type="text" id="country"></td>

</tr>

<tr>

<td><label for="pincode">Pincode</label></td>

<td><input type="number" id="pincode"></td>

</tr>

<tr>

<td><label for="hobbie">Hobbies</label></td>

<td><input type="checkbox" name="hobbie" value="Cricket" id="hobbie">Traveling

<input type="checkbox" name="hobbie" value="Kabaddi" id="hobbie">Coding

<input type="checkbox" name="hobbie" value="Karate" id="hobbie">Gym

<input type="checkbox" name="hobbie" value="Karate" id="hobbie">Cooking

<input type="checkbox">other

</td>

</tr>

<tr>

<td><label for="qualification">Qualification</label>

</td>

```

<td>

<table>
  <tr>

<th>S No. </th>
    <th>Examination</th>
    <th>Board</th>
    <th>Percentage</th>
    <th>Year of Passing</th>
  </tr>

<tr>
    <td>1</td>
    <td>Class X</td>
    <td><input type="text"></td>
    <td><input type="text"></td>
    <td><input type="text"></td>
  </tr>
<tr>
    <td>2</td>
    <td>Class XII</td>
    <td><input type="text"></td>
    <td><input type="text"></td>
    <td><input type="text"></td>
  </tr>
<tr>
    <td>3</td>
    <td>Graduation</td>
    <td><input type="text"></td>
    <td><input type="text"></td>
    <td><input type="text"></td>
  </tr>
<tr>
    <td>4</td>
    <td>Masters</td>
    <td><input type="text"></td>
    <td><input type="text"></td>
    <td><input type="text"></td>
  </tr>

</table>

</td>
</tr>

<tr>
  <td>Course Appied <br> for</td>

  <td>
    <label for">BCA</label>
    <input type="checkbox" id="BCA">
    <label for="B.A">B.A</label>
    <input type="checkbox" id="B.A">
    <label for="B.Com">B.Com</label>
    <input type="checkbox" id="B.Com">
  </td>

</tr>
<tr>
  <td></td>
  <td class="end">
    <input type="submit" value="Submit">
    <input class="end" type="reset" value="Reset">
  </td>
</tr>
</table>
</body>

</html>

```

Output :

Student Registration Form

Name	<input type="text"/>																									
Surname	<input type="text"/>																									
Date of Birth	Day <input type="text"/> Month <input type="text"/> year <input type="text"/>																									
Email	<input type="text"/>																									
Mobile	<input type="text"/>																									
Gender	Male <input type="radio"/> Female <input type="radio"/>																									
Address	<div><div></div></div>																									
City	<input type="text"/>																									
State	<input type="text"/>																									
Country	<input type="text"/>																									
Pincode	<input type="text"/>																									
Hobbies	<input type="checkbox"/> Traveling <input type="checkbox"/> Coding <input type="checkbox"/> Gym <input type="checkbox"/> Cooking <input type="checkbox"/> other																									
Qualification	<table><thead><tr><th>S No.</th><th>Examination</th><th>Board</th><th>Percentage</th><th>Year of Passing</th></tr></thead><tbody><tr><td>1</td><td>Class X</td><td><input type="text"/></td><td><input type="text"/></td><td><input type="text"/></td></tr><tr><td>2</td><td>Class XII</td><td><input type="text"/></td><td><input type="text"/></td><td><input type="text"/></td></tr><tr><td>3</td><td>Graduation</td><td><input type="text"/></td><td><input type="text"/></td><td><input type="text"/></td></tr><tr><td>4</td><td>Masters</td><td><input type="text"/></td><td><input type="text"/></td><td><input type="text"/></td></tr></tbody></table>	S No.	Examination	Board	Percentage	Year of Passing	1	Class X	<input type="text"/>	<input type="text"/>	<input type="text"/>	2	Class XII	<input type="text"/>	<input type="text"/>	<input type="text"/>	3	Graduation	<input type="text"/>	<input type="text"/>	<input type="text"/>	4	Masters	<input type="text"/>	<input type="text"/>	<input type="text"/>
S No.	Examination	Board	Percentage	Year of Passing																						
1	Class X	<input type="text"/>	<input type="text"/>	<input type="text"/>																						
2	Class XII	<input type="text"/>	<input type="text"/>	<input type="text"/>																						
3	Graduation	<input type="text"/>	<input type="text"/>	<input type="text"/>																						
4	Masters	<input type="text"/>	<input type="text"/>	<input type="text"/>																						
Course Applied for	BCA <input type="checkbox"/> B.A <input type="checkbox"/> B.Com <input type="checkbox"/>																									
	<input type="button" value="Submit"/> <input type="button" value="Reset"/>																									

[5.] Write a program to make a chat box using html, CSS and JavaScript.

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Chat Box</title>
<style>
body {

    font-family: Arial, sans-serif;
    margin: 0;
    padding: 0;
}

.chat-container {

    max-width: 400px;
    margin: 20px auto;
    border: 1px solid #ccccce3;
    border-radius: 5px;
    padding: 10px;
    position: relative;
}
```



```
.chat-box {  
  height: 350px;  
  overflow-y: scroll;  
  
  border-bottom: 1px solid #a59f9f;  
  margin-bottom: 10px;  
}
```

```
#message-input {  
  width: calc(100% - 90px);  
  padding: 20px;  
  border: 1px solid #ccc;  
  border-radius: 5px;  
  margin-right: 5px;  
}
```

```
button {  
  
  padding: 15px 20px;  
  background-color: #007bff;  
  color: #fff;  
  border: 1px solid #ccc;  
  border-radius: 5px;  
  cursor: pointer;  
}
```

```
button.close {  
  background-color: #b80f20;  
  
}
```

```
button:hover {  
  background-color: #0cb300;  
}  
</style>  
</head>  
<body>
```

```
<div class="chat-container">  
  <h2 style="color: #0cb300;">Message</h2>  
  <div class="chat-box" id="chat-box"></div>  
  <input type="text" id="message-input" placeholder="Type Your Message...">  
  <button onclick="sendMessage()">Send</button>  
  <button class="close" onclick="closeChat()">Close</button>  
</div>
```

```
<script>  
function sendMessage() {  
  var messageInput = document.getElementById("message-input");  
  var message = messageInput.value;  
  if (message.trim() === "") {  
    alert("Please enter a message.");  
    return;  
  }  
  var chatBox = document.getElementById("chat-box");  
  var messageElement = document.createElement("div");  
  messageElement.innerText = message;  
  messageElement.classList.add("message");  
  chatBox.appendChild(messageElement);  
  messageInput.value = "";  
  chatBox.scrollTop = chatBox.scrollHeight;  
}  
function closeChat() {  
  var chatContainer = document.querySelector(".chat-container");  
  chatContainer.style.display = "none";  
}
```

```
</script>  
</body>  
</html>
```

Output :

Message
Hello Akhilesh
How are you....?

Type Your Message...

Send

Close