

WAD – ASSIGNMENT

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ENROLLMENT NO. 18401172024

CSE-AI(III) GROUP 1

EXPERIMENT – 1

Write a paragraph in html, which will display on web page.

Code-

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
    <title>My Webpage</title>
```

```
</head>
```

```
<body>
```

```
    <h1>Welcome to My Webpage</h1>
```

```
    <p>This is a paragraph displayed on the webpage. You can write anything you  
    want here!</p>
```

```
</body>
```

```
</html>
```

WEBPAGE LOOK :-

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Welcome to My Webpage

This is a paragraph displayed on the webpage. You can write anything you want here!

EXPERIMENT – 2

Write html code to show ordered list and unordered list in webpage

Code-

```
<!DOCTYPE html>

<html>

<head>

    <title>Lists Example</title>

</head>

<body>


    <h2>Ordered List</h2>

    <ol>

        <li>Wake up</li>
```

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Brush your teeth

Take a shower

Have breakfast

<h2>Unordered List</h2>

Apples

Bananas

Oranges

Grapes

</body>

</html>

WEBPAGE LOOK :-

Ordered List

1. Wake up
2. Brush your teeth
3. Take a shower
4. Have breakfast

Unordered List

- Apples
- Bananas
- Oranges
- Grapes

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EXPERIMENT – 3

Write code to make a library for igdtuw college.

```
<!DOCTYPE html>

<html>

<head>

  <title>IGDTUW Library</title>

</head>

<body>

  <h1>IGDTUW College Library</h1>

  <h2>1. Computer Science Department</h2>

  <ul>

    <li>Introduction to Algorithms – Cormen</li>

    <li>Clean Code – Robert C. Martin</li>

    <li>Python Programming – John Zelle</li>

    <li>Database System Concepts – Silberschatz</li>

  </ul>

  <h2>2. Electronics and Communication Department</h2>

  <ul>

    <li>Microelectronics – Sedra & Smith</li>

    <li>Digital Signal Processing – Oppenheim</li>

    <li>Communication Systems – Simon Haykin</li>

  </ul>

</body>

</html>
```

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- Electronic Devices and Circuits – Millman

-

<h2>3. Mechanical Engineering Department</h2>

-

- Engineering Mechanics – Timoshenko

- Thermodynamics – P.K. Nag

- Strength of Materials – R.K. Bansal

- Fluid Mechanics – Frank M. White

-

<h2>4. Information Technology Department</h2>

-

- Web Technologies – Uttam K. Roy

- Operating Systems – Galvin

- Data Structures Using C – Reema Thareja

- Computer Networks – Tanenbaum

-

</body>

</html>

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IGDTUW College Library

1. Computer Science Department

- Introduction to Algorithms – Cormen
- Clean Code – Robert C. Martin
- Python Programming – John Zelle
- Database System Concepts – Silberschatz

2. Electronics and Communication Department

- Microelectronics – Sedra & Smith
- Digital Signal Processing – Oppenheim
- Communication Systems – Simon Haykin
- Electronic Devices and Circuits – Millman

3. Mechanical Engineering Department

- Engineering Mechanics – Timoshenko
- Thermodynamics – P.K. Nag
- Strength of Materials – R.K. Bansal
- Fluid Mechanics – Frank M. White

4. Information Technology Department

EXPERIMENT – 4

Write a html code to make frame of photos.

Code-

```
<!DOCTYPE html>
```

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```
<html>
```

```
<head>
```

```
  <title>Photo Frame using Frameset</title>
```

```
</head>
```

```
<frameset rows="50%,50%">
```

```
  <frameset cols="50%,50%">
```

```
    <frame src="https://via.placeholder.com/300" name="frame1">
```

```
    <frame src="https://via.placeholder.com/300" name="frame2">
```

```
  </frameset>
```

```
<frameset cols="50%,50%">
```

```
  <frame src="https://via.placeholder.com/300" name="frame3">
```

```
  <frame src="https://via.placeholder.com/300" name="frame4">
```

```
</frameset>
```

```
</frameset>
```

```
</html>
```

WEBPAGE LOOK :-

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EXPERIMENT – 5

Write a code using html and css for making a form.

Code-

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```


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<title>IGDTUW Google Form Style</title>

<style>

body {

font-family: Arial, sans-serif;

background: #f0f2f5;

padding: 40px;

}

.form-container {

background: white;

max-width: 500px;

margin: auto;

padding: 30px 40px;

border-radius: 15px;

box-shadow: 0 4px 20px rgba(0,0,0,0.1);

}

h2 {

text-align: center;

color: #333;

}

label {

display: block;

margin-top: 15px;

color: #555;

font-weight: bold;

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```
}
```

```
input, select {
```

```
    width: 100%;
```

```
    padding: 10px;
```

```
    margin-top: 5px;
```

```
    border: 1px solid #ccc;
```

```
    border-radius: 8px;
```

```
    box-sizing: border-box;
```

```
}
```

```
.checkbox {
```

```
    margin-top: 20px;
```

```
}
```

```
button {
```

```
    background-color: #4CAF50;
```

```
    color: white;
```

```
    padding: 12px;
```

```
    margin-top: 20px;
```

```
    border: none;
```

```
    border-radius: 8px;
```

```
    width: 100%;
```

```
    font-size: 16px;
```

```
    cursor: pointer;
```

```
}
```

```
button:hover {
```

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```
background-color: #45a049;

}

</style>

</head>

<body>

<div class="form-container">

  <h2>IGDTUW Student Info Form</h2>

  <form>

    <label for="name">Name</label>

    <input type="text" id="name" name="name" placeholder="Enter your full name"
required>

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

    <input type="email" id="email" name="email" placeholder="example@gmail.com"
required>

    <label for="place">Place</label>

    <input type="text" id="place" name="place" placeholder="Your city or hometown"
required>

    <label for="year">Year of Study</label>

    <select id="year" name="year" required>

      <option value="">--Select Year--</option>

      <option value="1st">1st Year</option>

      <option value="2nd">2nd Year</option>

      <option value="3rd">3rd Year</option>

      <option value="4th">4th Year</option>

    </select>
```

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```
<div class="checkbox">
```

```
  <input type="checkbox" id="agree" name="agree" required>
```

```
  <label for="agree">I agree to receive updates and information</label>
```

```
</div>
```

```
  <button type="submit">Submit</button>
```

```
</form>
```

```
</div>
```

```
</body>
```

```
</html>
```

WEBPAGE LOOK :-

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IGDTUW Student Info Form

Name

Email

Place

Year of Study

--Select Year--

▼

☐

I agree to receive updates and information

Submit

EXPERIMENT – 6

Write a basic xml code for webpage.

Code-

```
<?xml version="1.0" encoding="UTF-8"?>
```

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```
<webpage>
```

```
<title>My Simple XML Page</title>
```

```
<body>
```

```
<paragraph>
```

Hello! This is a simple paragraph written using XML. XML is used for storing and transporting data, not for displaying webpages like HTML.

```
</paragraph>
```

```
</body>
```

```
</webpage>
```

EXPERIMENT – 7

Write a validation form using javascript.

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<title>Form Validation</title>
```

```
<script>
```

```
function validateForm() {
```

```
    let name = document.forms["myForm"]["name"].value;
```

```
    let email = document.forms["myForm"]["email"].value;
```

```
    let emailPattern = /^[^\s@]+@[^\s@]+\.[^\s@]+$/;
```

```
    if (name === "") {
```

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```
    alert("Name must be filled out");

    return false;

}

if (email === "") {

    alert("Email must be filled out");

    return false;

}

if (!emailPattern.test(email)) {

    alert("Please enter a valid email address");

    return false;

}

alert("Form submitted successfully!");

return true;

}

</script>

</head>

<body>

<h2>Simple Validation Form</h2>

<form name="myForm" onsubmit="return validateForm()">

    Name: <input type="text" name="name"><br><br>

    Email: <input type="text" name="email"><br><br>

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

</form>

</body>
```

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</html>

WEBPAGE LOOK :-

Simple Validation Form

Name:

Email: