

# FWD

## Q1 :-Develop static web page using HTML Tags, List Tags, Image Tags.

```
<html>
  <head><title> EXP 1</title></head>
  <body>
    <h1align="center">EXPERIMENT 1</h1>
    <p> this p tag will modify the text...it remove the space before
stating the text</p>
    <pre>      this pre tag prints the text as it is without
modification</pre>
    <i>i tag converts the text into italic font</i>
    <b> b tag converts the text into bold font</b>
    <u> u tag is used to underline the text</u>
    <br>br tag is used to break the sentence<br>
    <fontsize="5"> in font tag we use size attribute so that we can give
the particular size of the text</font><br>
    <a href="b.html">click here</a>(a tag means anker tag it is used
genearte links)<br>
    <imgsrc="/home/user/Pictures/html"width="200"height="200"/>(here we
used image tag)<br>
    <h2>list</h2>
    <h3>unorder list</h3>
    <ul type="circle">
    <li type="disc">ab</li>
    <li>bc</li>
    <li>cd</li><br></ul>
    <h3>order list</h3>
    <ol type="1"><li type="a">ab</li><li>bc</li><li>cd</li></ol>
    <dl>
      <dt>definition</dt>
      <dd>dd tag gives space</dd>
    </dl>
  </body>
</html>
```

## Output:

this p tag will modify the text...it remove the space before stating the text

this pre tag prints the text as it is without modification

i tag converts the text into italic font **b tag converts the text into bold font** u tag is used to underline the text

br tag is used to break the sentence

in font tag we use size attribute so that we can give the particular size of the text

[click here](#)(a tag means anker tag it is used to generate links)



(here we used image tag)

## list

### unorder list

- ab
- bc
- cd

### order list

- a. ab
2. bc
3. cd

definition

dd tag gives space

## Q2 :-Demonstrate table tag to create different orientation of table in static web page.

```
<!DOCTYPEhtml>
<html>
  <style>
    table, th, td {
      border:1pxsolidblack;
    }
    th, td {
      padding: 15px;
    }
    table {
      border-spacing: 30px;
    }
  </style>
<body>

<h2>A basic HTML table</h2>

<tablestyle="width:100%">
  <tr>
    <th>Name</th>
    <thcolspan="2">Contact & Address</th>
  </tr>
```

```

<tr>
  <td>venny</td>
  <td rowspan="2">94xxxxxx08</td>
  <td>ijk</td>
</tr>
<tr>
  <td>samhita.k</td>
  <td>xyz</td>
</tr>
</table>
</body>
</html>

```

## Output:

A basic HTML table

Name	Contact & Address	
venny	94xxxxxx08	ijk
samhita.k		xyz

## Q3 :-Develop a static web page having different partitions using iframes.

```

<!DOCTYPEhtml>
<html>
<body>
<h2>Iframe - Target for a Link</h2>
<iframe
src="https://image.architonic.com/img_pro2-4/150/4439/wall-desk-frontaal-
b.jpg"name="iframe_a"height="700px"width="100%"
title="Iframe Example"></iframe>
<p><a
href="https://images.unsplash.com/photo-1529429617124-95b109e
86bb8?ixlib=rb-0.3.5&q=80&fm=jpg&crop=entropy&cs=tinysrgb&w=
1080&fit=max&ixid=eyJhc
HBfaWQiOjEyMDd9&s=4be6f29d095bc56cb800cc08ea6b3480"
target="iframe_a">dogS</a></p>
<p>When the target attribute of a link matches the name of an
iframe, the link will open in the iframe.</p>
</body>
</html>

```

**Output:**



www.shutterstock.com · 2261222323

**Q4 :-Develop a web page to demonstrate CSS properties.**

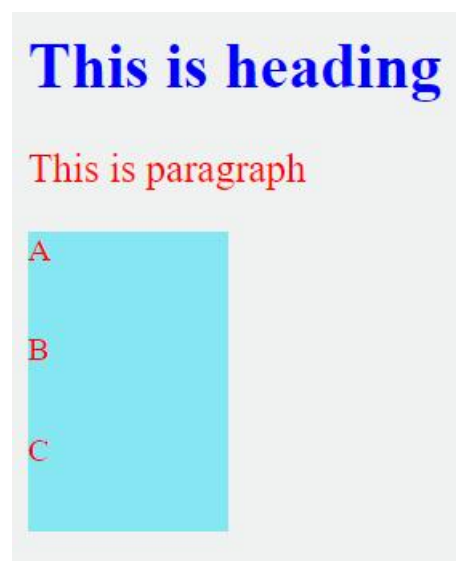
```
<!DOCTYPEhtml>
<htmllang="en">
<head>
  <metacharset="UTF-8">
  <metahttp-equiv="X-UA-Compatible"content="IE=edge">
```

```

<metaname="viewport"content="width=device-width, initial-scale=1.0">
<title>Document</title>
<style>
  h1{
    color:blue;
  }
  .one{
    color:red;
    font-size:20px;
  }
  div{
    color:red;
    width:100px;
    height:50px;
    background-color:rgb(133, 231, 242);
  }
  body{
    background-color:rgb(240, 242, 242);
  }
</style>
</head>
<body>
  <h1>This is heading</h1>
  <pclass="one">This is paragraph</p>
  <div>A</div>
  <div>B</div>
  <div>C</div>
</body>
</html>

```

## Output:



## Q5 :-Demonstrate how pseudo classes can be used to create an efficient webpage.

```
<!DOCTYPEhtml>
<html1lang="en">
<head>
  <metacharset="UTF-8">
  <metahttp-equiv="X-UA-Compatible"content="IE=edge">
  <metaname="viewport"content="width=device-width, initial-scale=1.0">
  <title>Document</title>
  <style>
    a:hover{
      color:pink;
      background-color:yellow;
    }
    a:visited{
      color:purple;
    }
    a:active{
      color:aqua;
    }
    li:first-child{
      color:red;
    }
    h2::first-letter{
      color:rgb(245, 55, 8);
    }
    h2::first-line{
      color:brown;
    }
    h2::before{
      content:"HI ";
    }
    h2:after{
      content:"\1F600";
    }
  </style>
</head>
<body>
  <a href="">Contact us</a>
  <ol>
    <li>
      <h1>A</h1>
    </li>
    <li>
      <h1>B</h1>
    </li>
  </ol>
</body>
</html>
```

```

        </li>
    </ol>
    <p><h2>hello everyone. This is example for pseudo class</h2></p>
</body>
</html>

```

## Output:

[Contact us](#)

1. **A**

2. **B**

**HI** hello everyone. This is example for pseudo class 😊

## Q6 :-Demonstrate the use of flex box in CSS.

```

<!DOCTYPEhtml>
<html>
<head>
<style>
.flex-container {
    display: flex;
    background-color: DodgerBlue;
}

.flex-container>div {
    background-color: #f1f1f1;
    margin: 10px;
    padding: 20px;
    font-size: 30px;
}
</style>
</head>
<body>

<h1>Create a Flex Container</h1>

```

```

<div class="flex-container">
  <div>1</div>
  <div>2</div>
  <div>3</div>
</div>
</body>
</html>

```

## Output:

Create a Flex Container



## Q7 :-Demonstrate the use of arrays and strings in JavaScript.

```

<!DOCTYPEhtml>
<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>Document</title>
</head>
<body>
  <p>To print an elements in array</p>
  <pid="demo"></p>
  <p>To delete last element</p>
  <pid="demo1"></p>
  <p>To delete first element</p>
  <pid="demo2"></p>
  <p>To add 0 at front of the array</p>
  <pid="demo3"></p>
  <p>To add an element at the end of an array</p>
  <pid="demo4"></p>
  <p>Slice method</p>
  <pid="demo5"></p>
  <script>
    const people = ["A", "B", "C", "D"];
    document.getElementById("demo").innerHTML=people;
    people.pop();
    document.getElementById("demo1").innerHTML=people;
  </script>

```



```

    people.shift();
    document.getElementById("demo2").innerHTML=people;
    people.unshift(0);
    document.getElementById("demo3").innerHTML=people;
    people.push("E");
    document.getElementById("demo4").innerHTML=people;
    const people2=people.slice(2,4);
    document.getElementById("demo5").innerHTML=people2;
    console.log(people.indexOf('A'))
    console.log(people.indexOf('B'))

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

```

## Output:

To print an elements in array

A,B,C,D

To delete last element

A,B,C

To delete first element

B,C

To add 0 at front of the array

0,B,C

To add an element at the end of an array

0,B,C,E

Slice method

C,E

## Q8 :-Write a JavaScript program to demonstrate functions.

```

<!DOCTYPEhtml>
<html1lang="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>Document</title>
</head>
<body>
  1. which of the following is root tag of html?<br>
  <input type="radio" name="q1">html</input>
  <input type="radio" name="q1">script</input>
  <input type="radio" name="q1">body</input>
  <input type="radio" name="q1">head</input><br><br>
  2. which tag is used to insert image?<br>
  <input type="radio" name="q2">image</input>
  <input type="radio" name="q2">img</input>
  <input type="radio" name="q2">jpg</input>
  <input type="radio" name="q2">png</input><br><br>
  3. what is the full form of html?<br>
  <input type="radio" name="q3">Hypo Text Markup Language</input>
  <input type="radio" name="q3">Hypo Text Markup Line</input>
  <input type="radio" name="q3">Hypo Talent Markup Language</input>
  <input type="radio" name="q3">Hyper Text Markup Language</input><br><br>
  4. which of the following attribute used to display table at center of
  webpage?<br>
  <input type="radio" name="q4">arrange</input>
  <input type="radio" name="q4">display</input>
  <input type="radio" name="q4">align</input>
  <input type="radio" name="q4">center</input><br><br>
  <input type="submit" value="submit" onclick="validate()"/>

</body>
</html>

```

## Output:

---

1. which of the following is root tag of html?

☐ html ☐ script ☐ body ☐ head

2. which tag is used to insert image?

☐ image ☐ img ☐ jpg ☐ png

3. what is the full form of html?

☐ Hypo Text Markup Language ☐ Hypo Text Markup Line ☐ Hypo Talent Markup Language ☐ Hyper Text Markup Language

4. which of the following attribute used to display table at center of webpage?

☐ arrange ☐ display ☐ align ☐ center

## Q9 :-Write a JavaScript program to demonstrate DOM Elements, events.

```
<!DOCTYPEhtml>
<htmllang="en">
<head>
  <metacharset="UTF-8">
  <metahttp-equiv="X-UA-Compatible"content="IE=edge">
  <metaname="viewport"content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <h1id="demo1">hi</h1>
  <h1class="demo">1</h1>
  <h1class="demo">2</h1>
  firstname<inputtype="text"name="demo2">
  lastname<inputtype="text"name="demo3">
  <pid="demo4"><br>hello <br>Welcome to javascript</p>
  <p>hi</p>
  <script>
    console.log(document.getElementById('demo1'))
    console.log(document.getElementsByClassName("demo"))
    console.log(document.getElementsByTagName("h1"))
    console.log(document.querySelector("h1"))
    console.log(document.querySelectorAll("h1"))
    console.log(document.getElementById('demo4').innerHTML)
    console.log(document.getElementById('demo1').textContent)
    let n=document.createElement('span')
    n.innerText='spantag'
    console.log(n)
    document.body.appendChild(n)
    let x=document.getElementById('demo4')
    let p=x.removeChild(x.firstElementChild)
    console.log(x)
    console.log(p)
  </script>
</body>
</html>
```

## Output:

hi

1

2

firstname  lastname

hello  
Welcome to javascript

hi

**Q10 :-Create a “registration form” with the following fields.**

- Name(Text-field)
- Password(password field)
- E-mail id(text field)
- Phone number(text field)
- Gender(radius button)
- Languages known(checkbox-English,Telugu,Hindi.Tamil)
- Address

```
<!DOCTYPEhtml>
<html>
<head>
<style>
.f{
    border:10pxsolidgreen;
    margin:2px;
    text-align:center;
}
labeltextarea{
    vertical-align: middle;
}
.button {
    transition-duration: 0.4s;
}
```

```

.button:hover {
    background-color:black;
    color: white;
    font-size: 16px;
    margin: 4px2px;
}

</style>

</head>
<bodybgcolor="lavender">
<h3align="center">Registration Form</h3>
<formname="f"align="center">
    <br>
    <b>Name:</b><inputtype="text" name ="name"placeholder="Enter your name
here!" /><br>
    <br>
    <b>Password:</b><inputtype="password"name="pass"placeholder="Enter strong
password" required/><br><br>
    <b><labelfor="email">Email:</label></b>
    <inputtype="email"id="email"name="email"placeholder="Enter your email-
address"required/><br><br>

    <b>Phone No:</b><inputtype="text"placeholder="Enter your mobile
number"maxlength="10" required/>
    <br>
    <br>
    <b>Gender:</b><inputtype="radio"name="1">Male</input>
    <inputtype="radio"name="1">Female</input>
    <inputtype="radio"name="1">Others</input><br><br>
    <b>Languages known:</b>
    <inputtype="checkbox"name="a">Telugu</input>
    <inputtype="checkbox"name="b">English</input>
    <inputtype="checkbox"name="c">Hindi</input>
    <inputtype="checkbox"name="d">Tamil</input><br><br>
    <label><b>Address:</b></label>
    <textarea rows="10"cols="30"></textarea></label><br>
    <br>
    <buttonclass="button"onclick="return validateForm()">Submit</button><br><br>

</form>
</body>
</html>

```

## Output:

### Registration Form

**Name:**

**Password:**

**Email:**

**Phone No:**

**Gender:** ☐ Male ☐ Female ☐ Others

**Languages known:** ☐ Telugu ☐ English ☐ Hindi ☐ Tamil

**Address:**

**Q11 :-Write a JavaScript program to validate the following fields of the above registration page.**

- a. Name(name should contain alphabets and the length should not be less than 6 characters).
- b. Password(password should not be less than 6 charecters).
- c. E-mail id(should not contain any invalid and must follow the standard pattern [name@domain.com](#)).
- d. Phone number(Phone number should contain 10 digits only).

```
<!DOCTYPEhtml>
<html>
<head>
<style>
.f{
    border:10pxsolidgreen;
    margin:2px;
    text-align:center;
}
labeltextarea{
    vertical-align: middle;
}
.button {
    transition-duration: 0.4s;
}

.button:hover {
    background-color:black;
    color: white;
    font-size: 16px;
    margin: 4px2px;
}

</style>
<script>
functionvalidateForm() {
    let x = document.forms["f"]["name"].value;
    if (x == "") {
        alert("Name must be filled out");
        returnfalse;
    }
}
functionvalidateEmail(inputText)
{
varmailformat = /^\\w+([\\.-]?\\w+)@\\w+([\\.-]?\\w+)(\\.\\w{2,3})+$/;
```

```

if(inputText.value.match(mailformat))
{
    alert("Valid email address!");
document.form1.text1.focus();
returntrue;
}
else
{
    alert("Invalid email address!");
document.form1.text1.focus();
returnfalse;

}
}
</script>
</head>
<bodybgcolor="lavender">
<h3align="center">Registration Form</h3>
<formname="f"align="center">
<br>
<b>Name:</b><inputtype="text" name="name"placeholder="Enter your name
here!" minlength="10"/><br>
<br>
<b>Password:</b><inputtype="password"name="pass"placeholder="Enter strong
password"minlength="6"required/><br><br>
<b><labelfor="email">Email:</label></b>
<inputtype="email"id="email"name="email"placeholder="Enter your email-
address"required/><br><br>
<inputtype="submit"name="submit"value="Check-
Email"onclick="validateEmail(document.f.email)"/><br><br>
<b>Phone No:</b><inputtype="text"placeholder="Enter your mobile
number"maxlength="10"pattern="\d{10}"required/>
<br>
<br>
<b>Gender:</b><inputtype="radio"name="1">Male</input>
<inputtype="radio"name="1">Female</input>
<inputtype="radio"name="1">Others</input><br><br>
<b>Languages known:</b>
<inputtype="checkbox"name="a">Telugu</input>
<inputtype="checkbox"name="b">English</input>
<inputtype="checkbox"name="c">Hindi</input>
<inputtype="checkbox"name="d">Tamil</input><br><br>
<label><b>Address:</b>
<textarea rows="10"cols="30"></textarea></label><br>
<br>
<buttonclass="button"onclick="return validateForm()">Submit</button><br><br>

</form>

```



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

## Output:

### Registration Form

**Name:**

**Password:**

**Email:**

**Phone No:**

**Gender:** ☐ Male ☐ Female ☐ Others

**Languages known:** ☐ Telugu ☐ English ☐ Hindi ☐ Tamil

**Address:**

**Q12 :- Demonstrate grid system in bootstrap.**

```
<!DOCTYPEhtml>
<htmllang="en">
<head>
  <title>Bootstrap Example</title>
  <metacharset="utf-8">
  <metaname="viewport"content="width=device-width, initial-scale=1">
  <linkhref="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/css/bootstrap.min.css"rel="stylesheet">
  <scriptsrc="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/js/bootstrap.bundle.min.js"></script>
</head>
<body>
<divclass="container mt-3">
  <h1>Grid Example</h1>
  <h3>SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN</h3>
  <h5>Branches</h5>
  <divclass="row">
    <divclass="col-sm-3 bg-primary text-black p-3">
      CSE...
    </div>
    <divclass="col-sm-3 bg-dark text-white p-3">
      IT...
    </div>
    <divclass="col-sm-3 bg-primary text-black p-3">
      ECE...
    </div>
    <divclass="col-sm-3 bg-dark text-white p-3">
      EEE...
    </div>
  </div>
</div>
</body>
</html>
```

### Output:

## Grid Example

SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN

## Branches

CSE...	IT...	ECE...	EEE...
--------	-------	--------	--------

**Q13 :- Apply different button styles in bootstrap.**

&lt;!DOCTYPEhtml&gt;

```

<html lang="en">
<head>
  <title>Bootstrap Example</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/css/bootstrap.min.css" rel="stylesheet">
  <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/js/bootstrap.bundle.min.js"></script>
</head>
<body>

<div class="container mt-3">
  <h2>Button Outline</h2>
  <button type="button" class="btn btn-outline-primary">Primary</button>
  <button type="button" class="btn btn-outline-secondary">Secondary</button>
  <button type="button" class="btn btn-outline-success">Success</button>
  <button type="button" class="btn btn-outline-info">Info</button>
  <button type="button" class="btn btn-outline-warning">Warning</button>
  <button type="button" class="btn btn-outline-danger">Danger</button>
  <button type="button" class="btn btn-outline-dark">Dark</button>
  <button type="button" class="btn btn-outline-light text-dark">Light</button>
</div>
<div class="container mt-3">
  <h2>Button Elements</h2>
  <a href="#" class="btn btn-success">Link Button</a>
  <button type="button" class="btn btn-success">Button</button>
  <input type="button" class="btn btn-success" value="Input Button">
  <input type="submit" class="btn btn-success" value="Submit Button">
  <input type="reset" class="btn btn-success" value="Reset Button">
</div>
<div class="container mt-3">
  <h2>Button Styles</h2>
  <button type="button" class="btn">Basic</button>
  <button type="button" class="btn btn-primary">Primary</button>
  <button type="button" class="btn btn-secondary">Secondary</button>
  <button type="button" class="btn btn-success">Success</button>
  <button type="button" class="btn btn-info">Info</button>
  <button type="button" class="btn btn-warning">Warning</button>
  <button type="button" class="btn btn-danger">Danger</button>
  <button type="button" class="btn btn-dark">Dark</button>
  <button type="button" class="btn btn-light">Light</button>
  <button type="button" class="btn btn-link">Link</button>
</div>

</body>
</html>

```

## Output:

## Button Outline



## Button Elements



## Button Styles



**Q14 :- Demonstrate bootstrap cards.**

```
<!DOCTYPEhtml>
<htmllang="en">
<head>
  <title>Bootstrap Example</title>
  <metacharset="utf-8">
  <metaname="viewport"content="width=device-width, initial-scale=1">
  <linkhref="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/css/bootstrap.min.css"rel="stylesheet">
  <scriptsrc="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/js/bootstrap.bundle.min.js"></script>
</head>
<body>

<divclass="container mt-3">
  <h2>Card Header and Footer</h2>
  <divclass="card">
    <divclass="card-header">Header</div>
    <divclass="card-body">Content</div>
    <divclass="card-footer">Footer</div>
  </div>
</div>

<divclass="container mt-3">
  <h2>Cards with Contextual Classes</h2>
```

```
<divclass="card">
  <divclass="card-body">Basic card</div>
</div>
<br>
<divclass="card bg-primary text-white">
  <divclass="card-body">Primary card</div>
</div>
<br>
<divclass="card bg-success text-white">
  <divclass="card-body">Success card</div>
</div>
<br>
<divclass="card bg-info text-white">
  <divclass="card-body">Info card</div>
</div>
<br>
<divclass="card bg-warning text-white">
  <divclass="card-body">Warning card</div>
</div>
<br>
<divclass="card bg-danger text-white">
  <divclass="card-body">Danger card</div>
</div>
<br>
<divclass="card bg-secondary text-white">
  <divclass="card-body">Secondary card</div>
</div>
<br>
<divclass="card bg-dark text-white">
  <divclass="card-body">Dark card</div>
</div>
<br>
<divclass="card bg-light text-dark">
  <divclass="card-body">Light card</div>
</div>
</div>

</body>
</html>
```

**Output:**

## Card Header and Footer

Header
Content
Footer

## Cards with Contextual Classes

Basic card
Primary card
Success card
Info card
Warning card
Danger card
Secondary card
Dark card
Light card

## Q15 :- Write a program to create a tabbed navigation menu in bootstrap.

```
<!DOCTYPEhtml>
<html>
  <html>
    <head>
      <title>Bootstrap Example</title>
      <meta charset="utf-8">
      <meta name="viewport" content="width=device-width, initial-scale=1">
      <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/css/bootstrap.min.css" rel="stylesheet">
      <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/js/bootstrap.bundle.min.js"></script>
    </head>
    <body>
      <h1>NAVIGATION MENU</h1><br><br>
      <nav class="navbar navbar-expand-sm bg-dark navbar-dark">
        <div class="container-fluid">
          <a class="navbar-brand" href="#">BRANCH</a>
        </div>
      </nav>
    </body>
  </html>
</html>
```

```

<buttonclass="navbar-toggler"type="button"data-bs-toggle="collapse"data-
bs-target="#collapsibleNavbar">
  <spanclass="navbar-toggler-icon"></span></button>
<divclass="collapse navbar-collapse"id="collapsibleNavbar">
  <ulclass="navbar-nav">
    <liclass="nav-item">
      <aclass="nav-link"href="#">IT</a></li>
    <liclass="nav-item">
      <aclass="nav-link"href="#">CSE</a></li>
    <liclass="nav-item">
      <aclass="nav-link"href="#">ECE</a></li>
    </ul>
  </div>
</div>
</nav>
</body>
</html>

```

## Output:

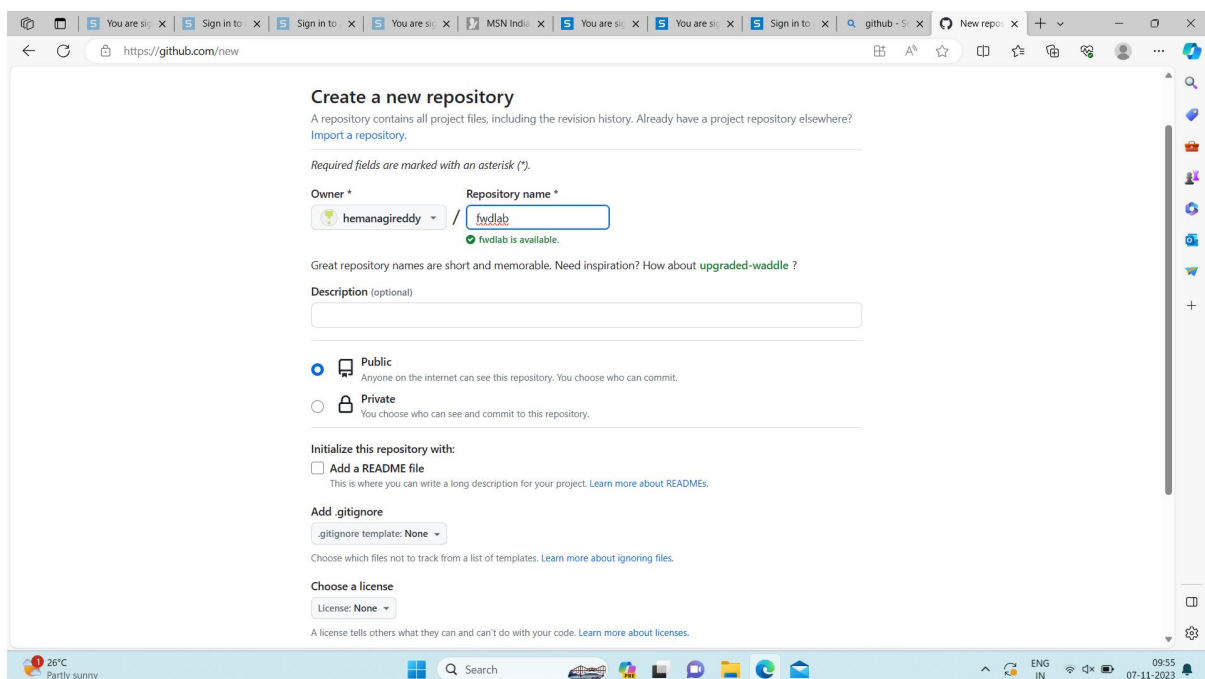
### NAVIGATION MENU

BRANCH IT CSE ECE

## Q16 :-Demonstrate the following with respect to GIT/GitHub.

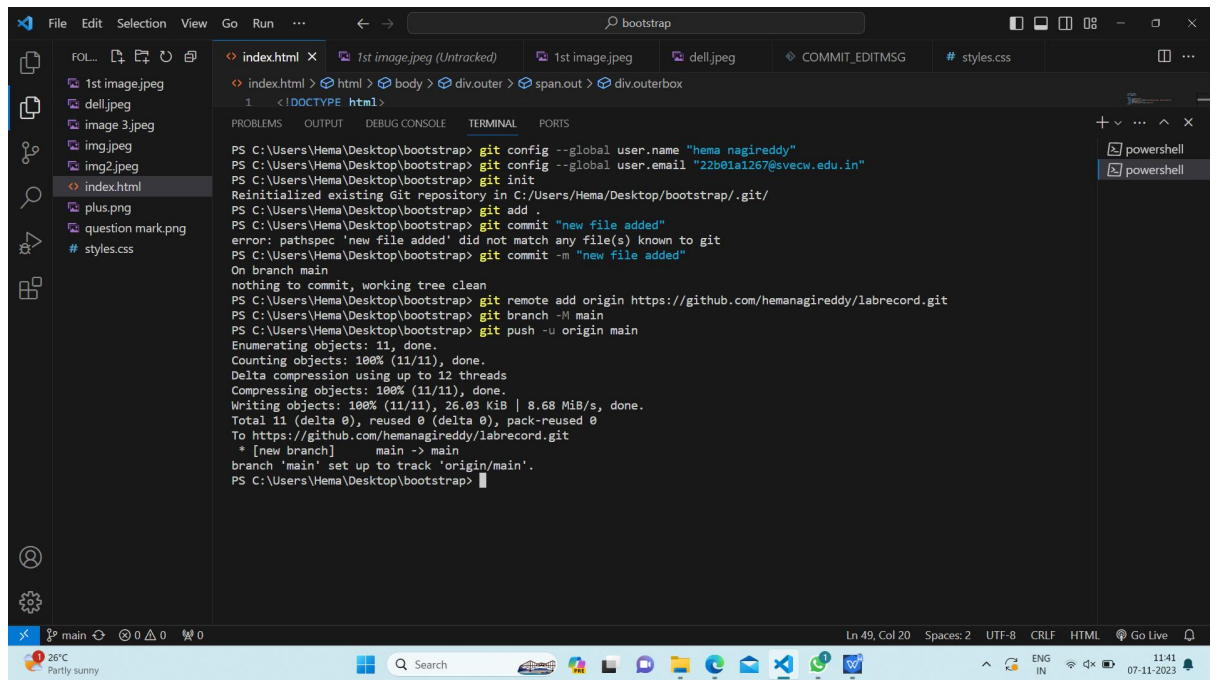
- Install Git and create Git Repository.
- Git Configuration (User Name and Email).
- Copy the Repository from GitHub to the Local Computer(git clone).
- Publishing Changes back to GitHub(push).
- Adding and removing from a Git repository.
- Creating pull requests.
- Branching repositories
- Deploy a web page to GitHub pages.

- To install the Git we need to go to browser and download the official Brochure and download it, and run the file.
- Set the path and setup Git and GitBash.
- After installing the Git then Create GitHub account .
- Follow the link "<https://github.com>" and create the account in GitHub and click on "create new repository" ,set private or public ,but when we work in real time ,we keep it private and name the repository name.
- Click on "Create repository".



- Go to GitBash and pose commands change the directory to your local directory in your computer and give commands as "git config --global user.name "hema"" and then give email commandas "git config --global user.email [22b01a12a8@svecw.edu.in](mailto:22b01a12a8@svecw.edu.in)" and after give command as "git config --list",and so that we get user.name and user.email.





The screenshot shows the Visual Studio Code interface. On the left, the File Explorer shows a project named 'bootstrap' with files like 'index.html', '1st image.jpeg', 'dell.jpeg', 'image 3.jpeg', 'img.jpeg', 'img2.jpeg', 'plus.png', 'question mark.png', and 'styles.css'. The main editor area shows the 'index.html' file with a basic HTML structure. Below the editor, the TERMINAL panel is active, displaying the following commands and output:

```
PS C:\Users\Hema\Desktop\bootstrap> git config --global user.name "hema nagireddy"
PS C:\Users\Hema\Desktop\bootstrap> git config --global user.email "22b01a1267@svecw.edu.in"
PS C:\Users\Hema\Desktop\bootstrap> git init
Reinitialized existing Git repository in C:/Users/Hema/Desktop/bootstrap/.git/
PS C:\Users\Hema\Desktop\bootstrap> git add .
PS C:\Users\Hema\Desktop\bootstrap> git commit "new file added"
error: pathspec 'new file added' did not match any file(s) known to git
PS C:\Users\Hema\Desktop\bootstrap> git commit -m "new file added"
On branch main
nothing to commit, working tree clean
PS C:\Users\Hema\Desktop\bootstrap> git remote add origin https://github.com/hemanagireddy/labrecord.git
PS C:\Users\Hema\Desktop\bootstrap> git branch -M main
PS C:\Users\Hema\Desktop\bootstrap> git push -u origin main
Enumerating objects: 11, done.
Counting objects: 100% (11/11), done.
Delta compression using up to 12 threads
Compressing objects: 100% (11/11), done.
Writing objects: 100% (11/11), 26.03 KiB | 8.68 MiB/s, done.
Total 11 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/hemanagireddy/labrecord.git
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.
PS C:\Users\Hema\Desktop\bootstrap>
```

- Copy the link of the repository and go to Git bash and give command as "git clone (repository link)" , now your GitHub account is linked with GitBash.Change the directory to GitHub filename. Give command as "git add (content)", and finally give commit command that is "git commit -m "commit".
- As now we need to push changes into GitHub, by giving command as "git push origin main".Now if we check file in GitHub account the changes will be changed.
- To create pull request,open your file and click on edit symbol and then click on pull request and commit changes.now pull request is activated in this way we create discussion while updating a code and then close the request.
- To deploy webpages to GitHub pages ,first we need to click on already existing and then upload all files into it.Go to settings and click on pages select branch as main and /root ,now a link is created for the repository.

- Now click that we can deploy webpage into GitHub pages.

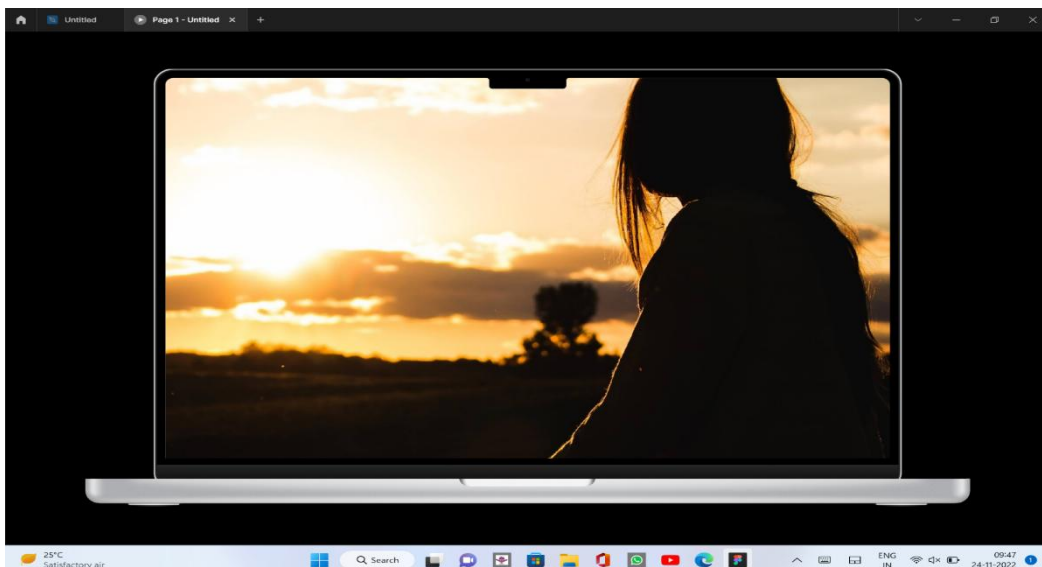
## **Q17 :-Demonstrate how to create designs/prototype using Figma.**

In Figma we mainly have 3 stages

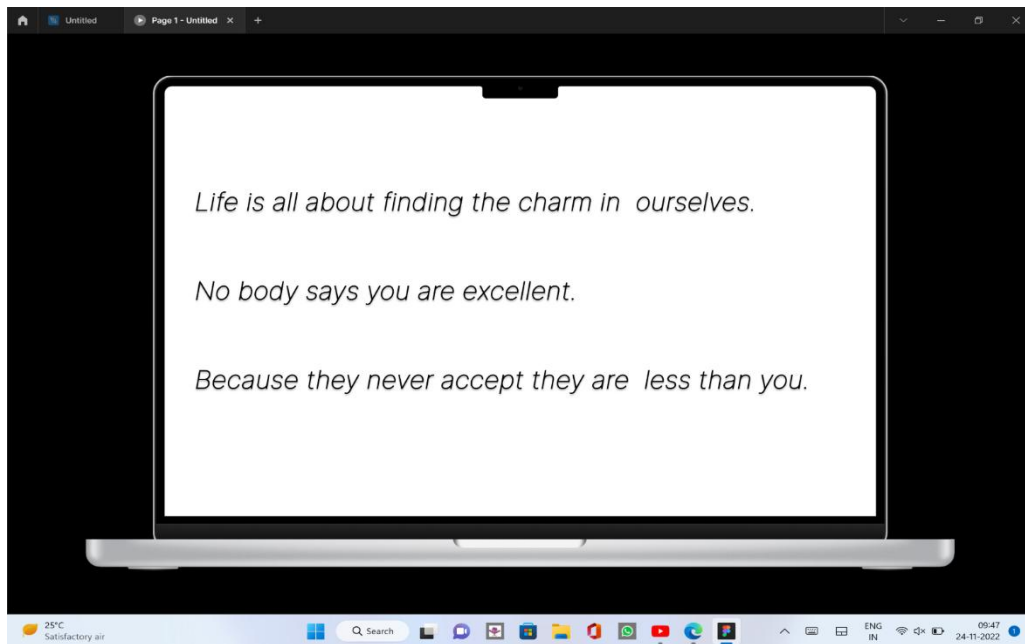
- 1.Design
- 2.Prototype
- 3.Inspect

First, we need to download Figma app and login by giving credentials.

- Now, we need to insert a frame and select the type of frame we want to insert.
- After selecting the frame go to aa square symbol and click add photo/video so we select picture from the system and insert it there.



- Select another frame and we also have the option of writing text and choosing the format and font size.

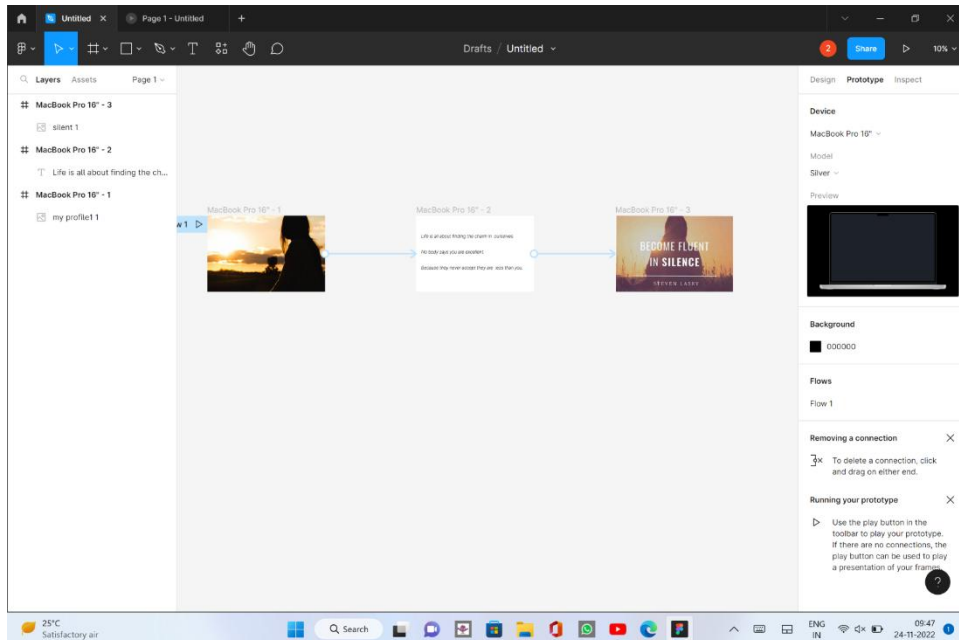


- We take another frame and add another picture from the system.



- Until now, we completed design
- Now it's time for link frames.
- We click prototype on the top right.

- When we click on connection and drag from one frame to another, we have the option of how we can navigate like on click and type of animation like move in, move out.



- And finally click on inspect thus we can find the prototype.