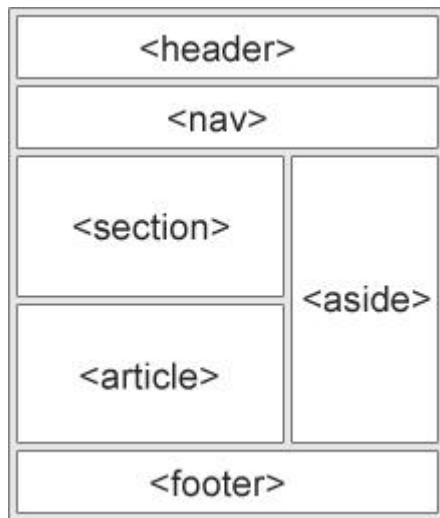


Week 2: Web Development .....	1
1. Semantic Elements .....	1
2. HTML tags attributes .....	2
3. input tag attribute .....	2
4. label attribute .....	3
5. Introduction to Cascading Style Sheets (CSS) .....	3
8. CSS Basic Topics .....	4
9. Github .....	8
Lab Tasks .....	10
Task 1 : Products Pricing Page .....	10
Task 2 : Personal Portfolio Page .....	11

## **Week 2: Web Development**

### **1. Semantic Elements**

- <article>
- <aside>
- <details>
- <figcaption>
- <figure>
- <footer>
- <header>
- <main>
- <mark>
- <nav>
- <section>
- <summary>
- <time>



## 2. HTML tags attributes

- href
- src
- width and height
- alt
- title
- style

## 3. input tag attribute

**type:** Specifies the type of input control.

**name:** Specifies the name of the input element.

**value:** Specifies the initial value of the input element.

**placeholder:** Provides a short hint for the expected value.

**required:** Indicates that the input field must be filled out.

**disabled:** Disables the input field.

**readonly:** Specifies that the input field is read-only.

**size:** Specifies the visible width of the text input.

**maxlength:** Specifies the maximum number of characters allowed.

## 4. label attribute

1. for

```
<label for="username">Username:</label>  
<input type="text" id="username" name="username">
```

2. accesskey:

```
<label for="username" accesskey="u">Username:</label>  
<input type="text" id="username" name="username">
```

## 5. Introduction to Cascading Style Sheets (CSS)

### ways to use css

- attribute
- head tag
- css file

## 6. Selectors, Properties & Values

## 7. Classes & IDs and Specificity in CSS



## 8. CSS Basic Topics

### ### 1. Setting Widths & Heights:

In CSS, you can control the dimensions of elements using the `width` and `height` properties.

```
.example {  
  width: 300px;  
  height: 150px;  
}
```

This example sets the width of an element with the class "example" to 300 pixels and the height to 150 pixels.

### ### 2. Length Units:

CSS provides various units to specify lengths, such as pixels (`px`), ems (`em`), rems (`rem`), percentages (`%`), and more.

```
.example {  
  width: 50%;  
}
```

```
padding: 1em;  
margin-bottom: 20px;  
}
```

This example uses percentage for width, em for padding, and pixels for margin.

### ### 3. Colors & Color Types:

You can apply colors to elements using named colors, hexadecimal values, RGB values, or HSL values.

```
.example {  
  background-color: #3498db; /* Hexadecimal color */  
  color: white; /* Named color */  
  border: 2px solid rgb(255, 0, 0); /* RGB color */  
}
```

### ### 4. Padding:

The `padding` property controls the space between the content and the border of an element.

```
.example {  
  padding: 10px;  
}
```

This sets 10 pixels of padding on all sides of the "example" element.

### ### 5. Margin:

The `margin` property defines the space outside the border of an element.

```
.example {  
  margin: 20px;  
}
```

This example adds a margin of 20 pixels to all sides of the "example" element.

## ### 6. Borders:

Borders can be styled using the `border` property, specifying the width, style, and color.

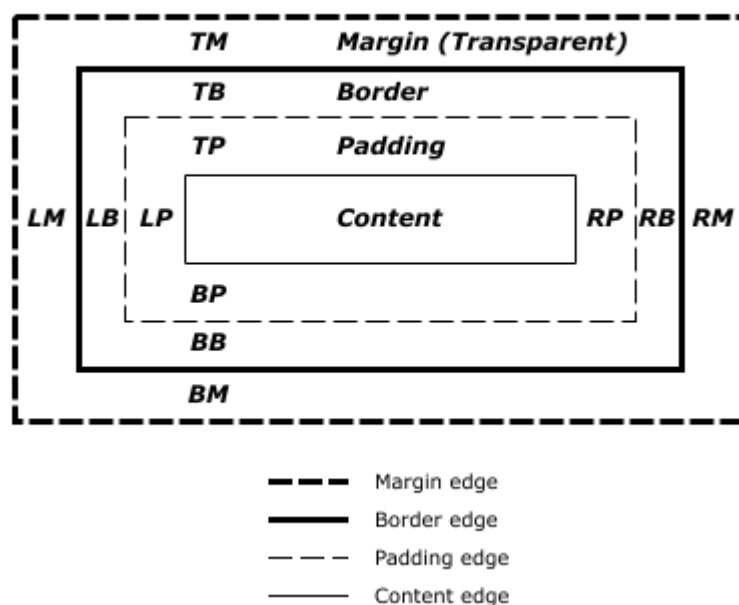
```
.example {  
  border: 2px solid #e74c3c; /* 2px solid red border */  
}
```

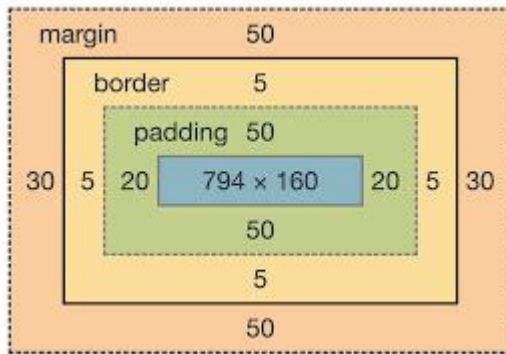
## ### 7. The Box Model:

The CSS box model comprises content, padding, border, and margin. Understanding and manipulating these components is crucial for layout design.

```
css  
.example {  
  width: 200px;  
  padding: 10px;  
  border: 2px solid #27ae60;  
  margin: 20px;  
}
```

This example showcases the box model with a specified width, padding, border, and margin for the "example" element.





### ### 8. Css Postion Property

# CSS Position

#### Static

#### Relative

#### Fixed

#### Absolute

#### Z- index

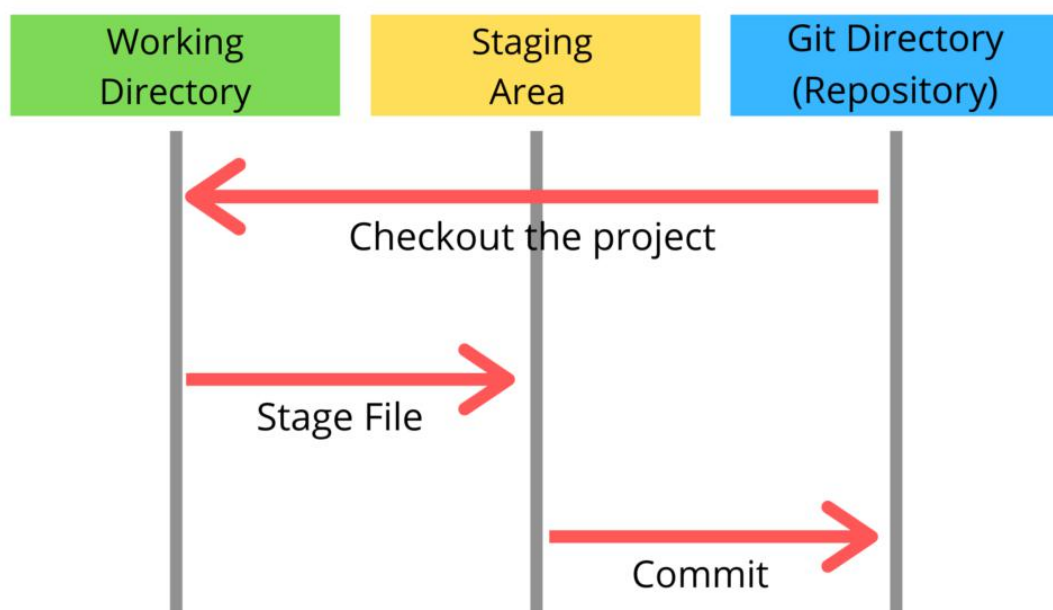
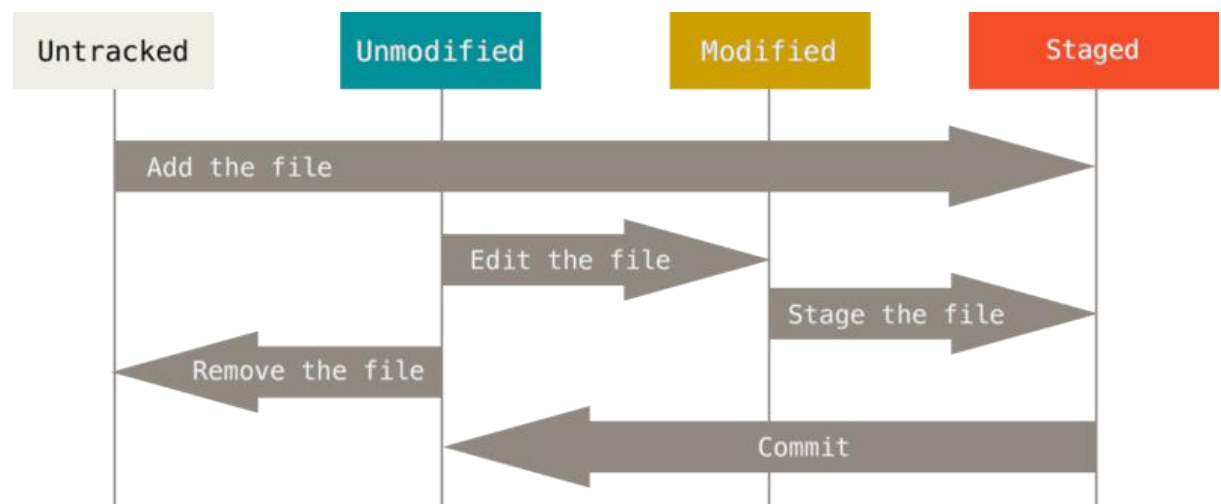
[www.educba.com](http://www.educba.com)

## 9. Github

### ###1. Github Code Process

### ###2.Clone Repos

### ###3.Staging





### **###4. Pushing Code**

# Lab Tasks

## Task 1 : Products Pricing Page



Men's T-Shirt Printed Fashion Comes

Rs.449



Men Leather Wallets With Card Holder - Brown / Black

Rs.1,199



Men Leather Wallets - Brown

Rs.999



High Quality Casual Unisex Cap Black

Rs.399

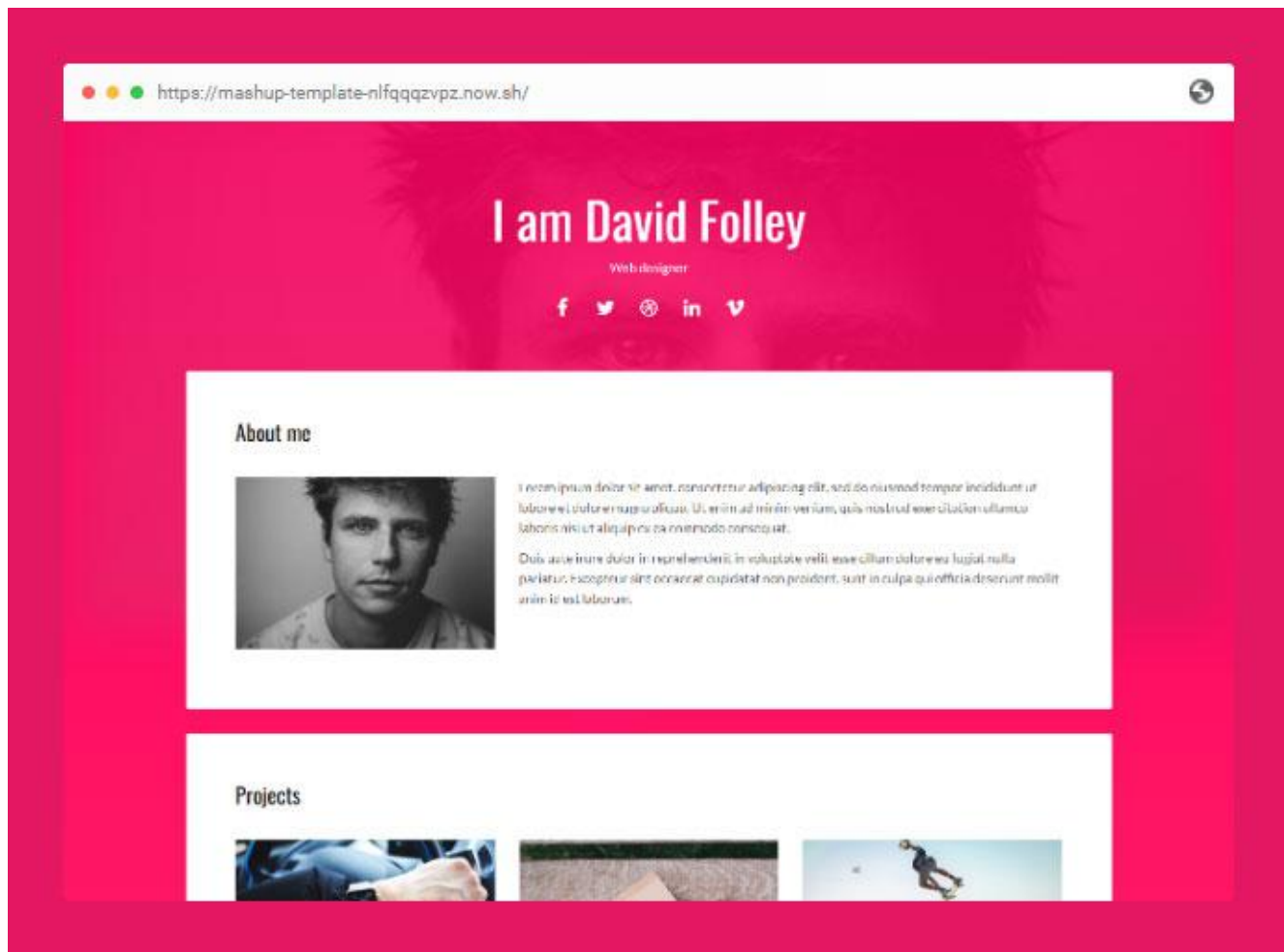
Objective:

Design and implement a pricing table for a fictional product or service.

Requirements:

Create an HTML structure for the pricing table, including columns for different plans.  
Apply CSS to style the pricing table, making it visually appealing and easy to understand.

## Task 2 : Personal Portfolio Page



### Objective:

Create a personal portfolio page that showcases your skills, projects, and contact information.

### Requirements:

Design a layout for your portfolio using HTML.

Apply CSS to style the portfolio, ensuring a clean and visually appealing design.

Include sections such as an introduction, skills, projects with images, and a contact form.