

Experiment-9(b)

Date: 25/7/25

Using HTML Templates create web app with different menu items

1. Go to visual studio
2. Open folder lab12 file which is saved on desktop
3. Create a new file and save as app.py

App.py file code

```
from flask import  
Flask, render_template  
APP= Flask(__name__)  
@APP.route('/')  
def hello_world():  
    return render_template('order.html')  
if __name__ == '__main__':  
    APP.run()
```

order.html code

```
<html lang="en">  
<head>  
<meta name="viewport" content="width=device-width, initial-scale=1">
```

4. Create a new file and save as order.html

```
<title> Web-APP With Menu Items </title>
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css" rel="stylesheet">
<style>
  .navbar-brand {
    color: #308d46 !important;
    font-weight: bold;
  }
</style>
</head>
<body>
  <nav class="navbar navbar-expand-lg navbar-light bg-light">
    <div class="container-fluid">
      <a class="navbar-brand" href="#">CMR Institute of
      Technology </a>
      <button class="navbar-toggler" type="button"
        data-bs-toggle="collapse" data-bs-target="#navbarNavDropdown"
        aria-controls="navbarNavDropdown" aria-expanded="false" aria-label="Toggle navigation">
        <span class="navbar-toggler-icon"></span>
      </button>
      <div class="collapse navbar-collapse" id="navbarNavDropdown">
        <ul class="navbar-nav">
          <li class="nav-item active">
            <a class="nav-link" href="#">Home
          </li>
          <li class="nav-item">
            <a class="nav-link" href="#">About
          </li>
          <li class="nav-item">
            <a class="nav-link" href="#">Services
          </li>
          <li class="nav-item">
            <a class="nav-link" href="#">Contact
          </li>
        </ul>
      </div>
    </div>
  </nav>
</body>
```

5. Go to command prompt and type

```
<ul class="nav bar nav ms-auto">
```

```
  <li class="nav-item dropdown">
```

```
    <a class="nav-link dropdown-toggle" href="#"
```

```
      id="tutorialsDropdown" role="button"
```

```
      data-bs-toggle="dropdown">
```

Tutorials

```
</a>
```

```
<ul class="dropdown-menu" aria-labelledby="tutorials
```

```
Dropdown">
```

```
  <li><a class="dropdown-item" href="#">HTML</a></li>
```

```
  <li><a class="dropdown-item" href="#">CSS</a></li>
```

```
  <li><a class="dropdown-item" href="#">JavaScript
```

```
</a></li>
```

```
</ul>
```

```
</li>
```

```
<li class="nav-item">
```

```
  <a class="nav-link" href="#">Student</a></li>
```

```
<li class="nav-item">
```

```
  <a class="nav-link" href="#">Jobs</a>
```

```
</li>
```

```
</ul>
```

```
</div></div></nav>
```

```
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3
```

```
dist/js/bootstrap.bundle.min.js">
```

```
</script>
```

```
</body>
```

```
</html>
```

C:\Users\student>cd desktop

C:\Users\student\Desktop>cd lab12

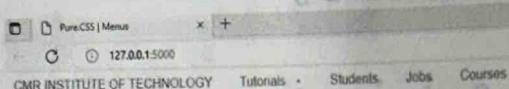
C:\Users\student\Desktop\lab12>python -m venv .\venv

C:\Users\student\Desktop\lab12>.\venv\Scripts\activate

(venv) C:\Users\student\Desktop\lab12>flask run

```
(venv) C:\Users\student\Desktop\lab12>flask run
 * Debug mode: off
WARNING: This is a development server. Do not use it in a production deployment. Use a production ready service instead.
 * Running on http://127.0.0.1:5000
Press CTRL+C to quit.
```

6. Click on <http://127.0.0.1:5000>



VIVA QUESTIONS

1. What is HTML?

Ans. Hyper Text Markup Language (HTML) is the basic scripting language used by web browsers to render pages on the world wide web.

2. What are Tags?

Ans. An HTML tag is a piece of markup language used to indicate the beginning and end of an HTML element in an HTML document.

3. How many types of heading does an HTML contain?

Ans. HTML defines six levels of heading. The heading elements are H1, H2, H3, H4, H5 and H6.

4. What is formatting in HTML?

Ans. Text formatting in HTML refers to the way text is displayed on a web page.

5. What is the difference between HTML elements and tags?

Ans. HTML tags are used to hold the HTML element. HTML element holds the content.