Week 12

Step 1: Install Python

Step2: Open Command Prompt

Step3: Run python –version – to check the version of python

Step 4: Install Django package in windows using

py -m pip install Django

Step 5 : Create a virtual environment

py -m venv myworld

Step 6: To activate the environment run

myworld\Scripts\activate.bat

Week 13

Open cmd run the following commands

C:\Users\student>django-admin startproject DjangoMenuItems

C:\Users\student>cd DjangoMenuItems

C:\Users\student\DjangoMenuItems>py manage.py startapp myapp

Open DjanoMenuItems code in Visual Studio Code

In DjangoMenuItems → open settings.py

Add ‘myapp’ in INSTALLED\_APPS section.

In DjangoMenuItems → open urls.py

Add the following code

from django.urls import path,include

In Urlpatters

path('',include('myapp.urls')),

In DjangoMenuItems →Again open settings.py

Add ‘templates’ in DIRS of TEMPLATES SECTION

Select myapp → create folder → assign name ‘templates’

Select templates folder → create file →navbar.html

Open file navbar.html → add the following code

<!DOCTYPE html>

<html lang="en">

<head>

<title>Bootstrap Example</title>

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1">

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

</head>

<body>

<nav class="navbar navbar-inverse">

<div class="container-fluid">

<div class="navbar-header">

<a class="navbar-brand" href="#">cmrit.com</a>

</div>

<ul class="nav navbar-nav">

<li class="active"><a href="#">Home</a></li>

<li class="dropdown"><a class="dropdown-toggle" data-toggle="dropdown" href="#">Get in Touch <span class="caret"></span></a>

<ul class="dropdown-menu">

<li><a href="#">Subscribe Us</a></li>

<li><a href="#">Register</a></li>

<li><a href="#">Login</a></li>

</ul>

</li>

<li><a href="#">AboutUs</a></li>

<li><a href="#">Contact Us</a></li>

</ul>

</div>

</nav>

<div class="container">

<h3>Navbar With Dropdown using Django</h3>

<p>This example adds a dropdown menu for the "Get in touch" button in the navigation bar.</p>

</div>

</body>

</html>

Select myapp → views.py → add the following code

from django.shortcuts import render

# Create your views here.

def navbar(request):

return render(request,'navbar.html')

Select myapp→ create file name as urls.py → add the following code

from django.urls import path

from myapp import views

urlpatterns = [

path("", views.navbar, name="navbar"),

]

Reopen cmd

Run the following command

Py manage.py runserver

