

## 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 DjangoMenuItems 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/j
s/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

```
C:\Users\student\DjangoMenuItems>python manage.py runserver
Watching for file changes with StatReloader
Performing system checks...

System check identified no issues (0 silenced).

You have 18 unapplied migration(s). Your project may not work properly until you apply the migrations for app(s): admin, auth, contenttypes, sessions.
Run 'python manage.py migrate' to apply them.
May 29, 2024 - 14:53:16
Django version 5.0.6, using settings 'DjangoMenuItems.settings'
Starting development server at http://127.0.0.1:8000/
Quit the server with CTRL-BREAK.

[29/May/2024 14:53:27] "GET / HTTP/1.1" 200 1351
[29/May/2024 14:54:07] "GET / HTTP/1.1" 200 1345
```