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## 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.

```
<link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/c
ss/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>
```



Q2

In DjangoMenuItems → open urls.py

Add the following code

```
from django.urls import path, include
```

In Urlpatterns

```
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">
```

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Reopen cmd

Run the following command

Py manage.py runserver

```
C:\Users\student\Documents\django\django\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 'djangoalltime.settings'
```

```
Starting development server at http://127.0.0.1:8000/
```

```
Quit the server with CTRL-C.
```

```
[29/May/2024 14:53:21] "GET / HTTP/1.1" 200 1361
```

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



```
</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"),
]
```