

## **EXPERIMENT-13**

1. Install python in your system(if not installed)
2. Execute the following commands in command prompt in the given order below.
3. Check if python installed or not using  
> python --version
4. >pip install virtual env (To create virtual environment)
5. >python -m venv env (To create env folder)
6. >dir
7. >.\env\Scripts\activate (To activate env)
8. >pip list
9. >pip install django( Install django)
10. >django-admin --version(To check if django installed or not)
11. >django-admin startproject my\_app(To create project in virtual environment)
12. >cd my\_app
13. Enter VSCode Editor and Create 'templates' folder inside 'my\_app/ folder'.
14. Inside 'templates' folder create 3 files i) home.html ii)dashboard.html iii) contactUs.html.

### **home.html:**

```
<!DOCTYPE html>
<html>
<head>
    <title>Home</title>
    <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css" rel="stylesheet">
</head>
<body>
    <h1 class="text-center">Welcome to CMRIT</h1>
    <nav class="navbar navbar-expand-lg bg-body-tertiary">
        <div class="container-fluid">
            <a class="navbar-brand" href="#">CMRIT</a>
            <div class="collapse navbar-collapse"
id="navbarNav">
                <ul class="navbar-nav">
                    <li><a class="nav-link" href="{% url
'home' %}">Home</a></li>
                    <li><a class="nav-link" href="{% url
'dashboard' %}">Dashboard</a></li>
                    <li><a class="nav-link" href="{% url
'contactUs' %}">Contact Us</a></li>
                </ul>
            </div>
        </div>
    </nav>
</div>
```

```
    </nav>
</body>
</html>
```

**dashboard.html:**

```
<!DOCTYPE html>
<html>
<head><title>Dashboard</title></head>
<body>
    <h1>Welcome to Dashboard</h1>
    <a href="{% url 'home' %}">Back to home</a>
</body>
</html>
```

**contactUs.html:**

```
<!DOCTYPE html>
<html>
<head><title>Contact Us</title></head>
<body>
    <h1>CMR Institute of Technology, Medchal, Hyderabad</h1>
    <a href="{% url 'home' %}">Back to home</a>
</body>
</html>
```

**15. Open ‘my\_app/settingd.py’ and modify the following :**

```
import os
'DIRS': [BASE_DIR/'my_app'/'templates'],
```

**16. Create new file ‘index.py’ by right clicking ‘my\_app/’ and type the following:**

**index.py:**

```
from django.shortcuts import render

def home(request):
    return render(request, 'home.html')

def dashboard(request):
    return render(request, 'dashboard.html')

def contactUs(request):
    return render(request, 'contactUs.html')
```

**17. Open ‘my\_app/my\_app/urls.py’ and replace with**

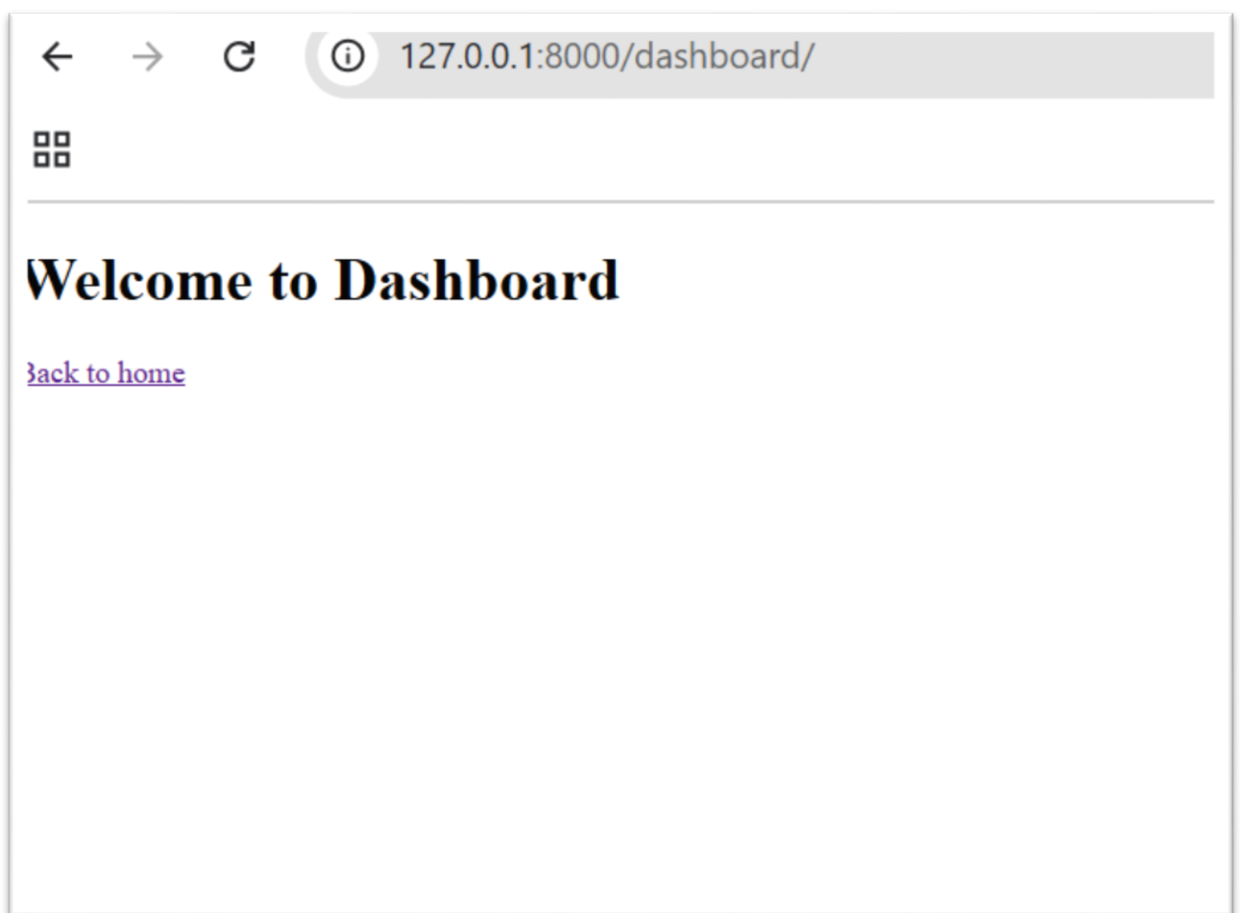
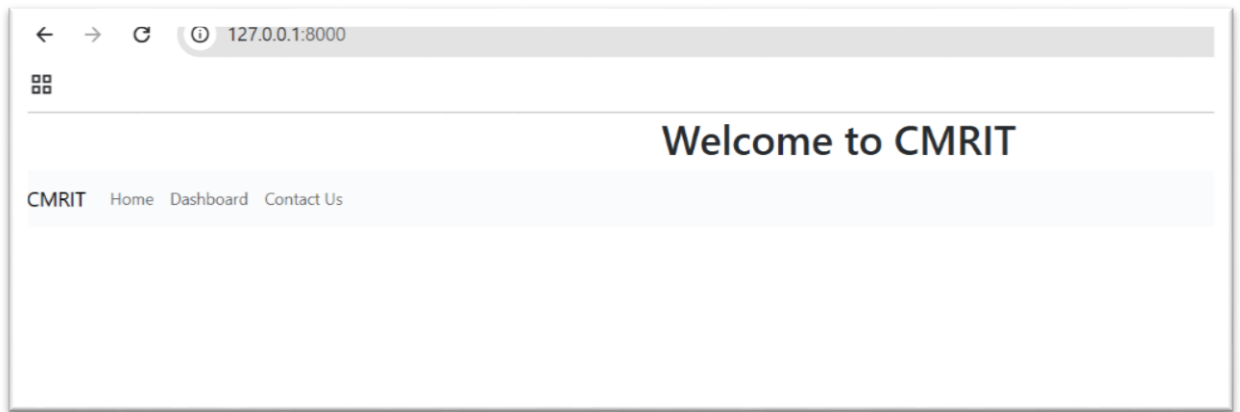
**urls.py:**

```
from django.contrib import admin
from django.urls import path
from . import index
urlpatterns = [
    path('', index.home, name='home'),
    path('dashboard/', index.dashboard, name='dashboard'),
    path('contactUs/', index.contactUs, name='contactUs'),
```

]

**18. In command prompt run the server using  
>python manage.py runserver**

**OUTPUT SCREENSHOT:**



← → ↻ ⓘ 127.0.0.1:8000/contactUs/



## CMR Institute of Technology, Medchal, Hyderabad

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