Program 4: Develop a layout.html with a suitable header (containing navigation menu) and footer with copyright and developer information. Inherit this layout.html and create 3 additional pages: contact us, About Us and Home page of any website.

Step 1: Create a project with name programs

django-admin startproject programs

Step2: Create an Application inside the project with name app4

py manage.py startapp app4

Step3: Edit the views.py in Application 'app4'

views.py (app4)

```
from django.shortcuts import render
from django.http import HttpResponse

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

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

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

Step 4: Create an new file named 'urls.py' in app4

urls.py(app4 -> Application name)

```
from django.contrib import admin
from django.urls import path
from . import views

urlpatterns=[
    #path('admin/', admin.site.urls),
    path('home/',views.home,name='home'),
    path('about_us/',views.about_us,name='about_us'),
    path('contact_us',views.contact_us,name='contact_us'),
]
```

Step 5: Edit the file 'urls.py' in project.

urls.py(programs-> Projectname)

```
from django.contrib import admin
from django.urls import path,include
urlpatterns = [
    path('admin/', admin.site.urls),
    path(",include('app4.urls')),
]
```

Step 6: Create a folder in application with name 'templates'

Step 7: Create 4 files inside the templates folder: home.html, about_us.html, contact_us.html and layout.html

home.html(templates-> app4)

```
{% extends 'layout.html' % }
{% block title % } Home-My Website{% endblock % }

{% block content % }
<h1> Welcome to My Website</h1>
WELCOME TO CEC
{% endblock % }
```

about us.html(templates-> app4)

```
{% extends 'layout.html' %}
{% block title %} About Us-My Website{% endblock %}

{% block content %}
<h1> About Us</h1>
City Engineering College, Bangalore affiliated to Visvesvaraya Technological University (VTU) is centrally located in Bangalore. The College has expanded over the last 19 years with sophisticated infrastructure as a part of the Institution's commitment to provide higher quality education in the area of Engineering. The highly facilitated landmark building – provides a perfect ambience for creativity and learning. City Engineering College is known for its academic excellence, friendly welcoming atmosphere and community spirit. Over large number of full time students study here in a wide range of programs. It is a centre of talented, experienced teachers who inspire and energize the students to achieve the best.
{% endblock %}
```

contact_us.html(templates -> app4)

```
{% extends 'layout.html' %}
{% block title %} Contact Us-My Website{% endblock %}

{% block content %}
<h1> Contact Us</h1>
Near Doddakallasandra Metro Station (next to Konana Kunte Signal/Circle Stop)

Doddakalasandra, Bangalore – 560 062.
{% endblock %}
```

layout.html(templates ->app4)

Step 6: Edit the settings.py for configuration in project.

Add Application name in installed apps.

settings.py ((programs-> Projectname)

```
mport datetime

from pathlib import Path

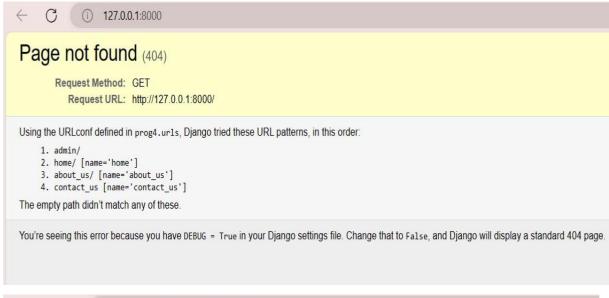
INSTALLED_APPS = [
    'django.contrib.admin',
    'django.contrib.auth',
    'django.contrib.contenttypes',
    'django.contrib.sessions',
    'django.contrib.messages',
    'django.contrib.staticfiles',
    'app4',

]
```

Output:

In Terminal:

py manage.py runserver



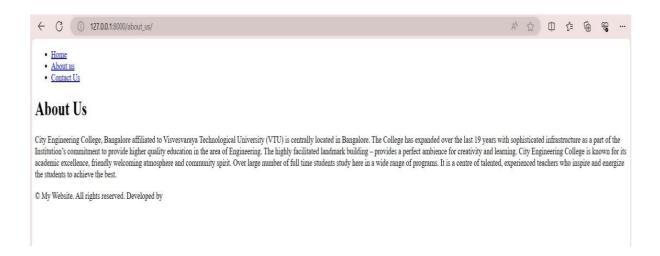


- Home
- About us
- Contact Us

Welcome to My Website

WELCOME TO CEC

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Contact Us

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