

Program-4

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.

Create application:

```
>python manage.py startapp lab4
```

In lab4 subfolder, write code in views.py

```
from django.shortcuts import render

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

In the lab4 folder, create a subfolder 'templates' and within the templates subfolder create a file 'layout.html', 'home.html', 'aboutus.html', 'contactus.html'.

layout.html:

```
<html>
  <title>{% block title %} {% endblock %} </title>
  <style type="text/css">
    nav {background-color: lightblue;padding:10px}
  </style>
  <body>
    <nav>
      <a href="/home/">Home</a> |
      <a href="/aboutus/">About Us</a> |
      <a href="/contactus/">Contact Us</a> |
    </nav>
    <section> {% block content %} {% endblock %} </section>
    <footer>
      <hr>
      &copy; ISE, Developed by FSD students, Inc.
    </footer>
  </body>
</html>
```

home.html:

```
{% extends 'layout.html' %}
{% block title %}
    Home
{% endblock %}
{% block content %}
    <h2>This is the home page</h2>
{% endblock %}
```

aboutus.html:

```
{% extends 'layout.html' %}
{% block title %}
    About Us
{% endblock %}
{% block content %}
    <h2>We are Django developers</h2>
{% endblock %}
```

contactus.html:

```
{% extends 'layout.html' %}
{% block title %}
    Contact us
{% endblock %}
{% block content %}
    <h2>Out phone: 1234567890 <br> Address: Sapthagiri Chikkasandra</h2>
{% endblock %}
```

In the project folder p, write the code into urls.py

```
from django.urls import path
from lab4.views import home, aboutus, contactus

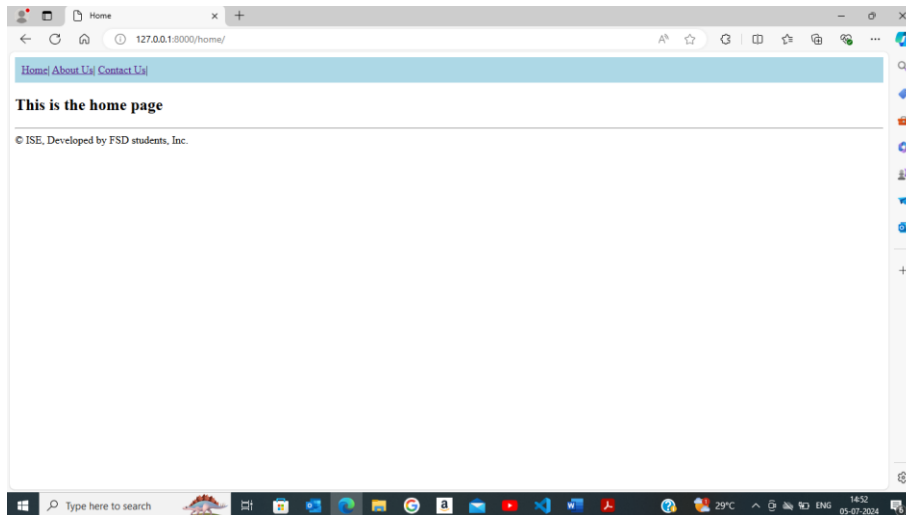
urlpatterns = [
    path('home/', home),
    path('aboutus/', aboutus),
    path('contactus/', contactus),
]
```

Output:

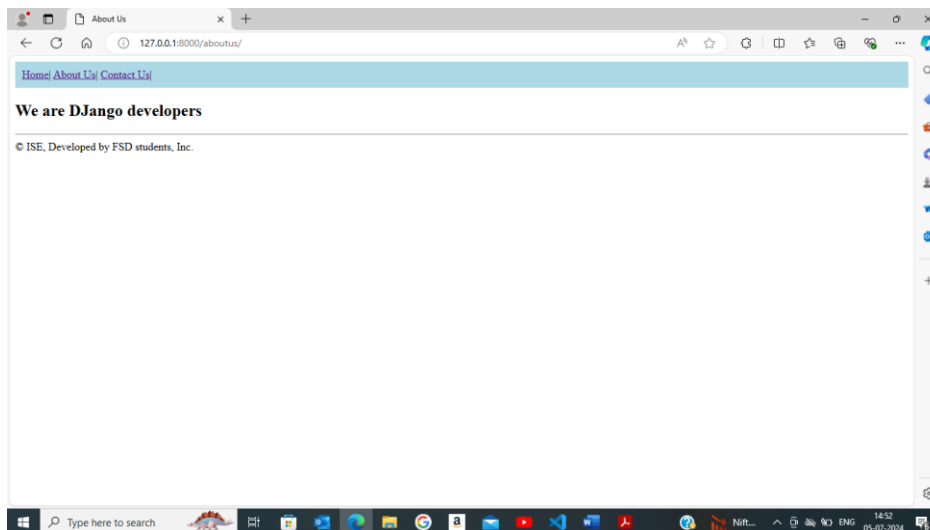
- Activate app by adding app name 'lab4' in the settings.py in the project folder p.
- Save and Run server by executing command:

```
>python manage.py runserver
```

In the browser, enter the url :127.0.0.1:8000/home/



Click on aboutus button:



Click on contactus button:

