

Template Inheritance using Extends keyword from scratch

We use template inheritance so that we inherit the most common contents like (nav bar and footer....) in our child html file.

Syntax:

In Base.html

```
_{% block content %} {% endblock content %}
```

In example.html

```
{% extends 'base.html' %}
```

```
{% block content %}
```

```
<h1>This is an Example!</h1>
```

```
{% endblock content %}
```

Step 1. Create new project (my_site) and app (my_app)

Step 2. Create relevant views.py

```
from django.shortcuts import render
```

```
def example_view(request):
```

```
    return render(request, 'my_app/example.html')
```

Step 4. Create relevant urls.py in app level

```
from django.urls import path
```

```
from . import views
```

```
app_name='my_app'
```

```
urlpatterns = [
```

```
    path("", views.example_view, name='ex')
```

```
]
```

Step 3. Connect it to project level urls.py

Step 5. Open app.py and copy configuration name and do importing os and do relevant changes in setting.py DIRS

Step 4. Setting.py

import

os

```
INSTALLED_APPS=['my_app'.apps.MyAppConfig,]
```

Step 5. Create templates folder in project level within it create base.html

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
<meta charset="UTF-8" />
```

```
<meta http-equiv="X-UA-Compatible" content="IE=edge" />
```

```
<meta name="viewport" content="width=device-width, initial-scale=1.0" />
```

```
<title>Document</title>
```

```
</head>
```

```
<body>
```

```
<p>header and navigation section</p>
```

```
{% block content %}{% endblock content %}
```

```
<p>Footer section</p>
```

```
</body>
```

```
</html>
```

Step 6. Create new folder named "templates" in app level and within it create folder named

my_app and inside it you can put other .html files (example.html)

```
{% extends 'base.html' %}
```

```
{% block content %}
```

```
<h1>This is an Example!</h1>
```

```
{% endblock content %}
```

Note- Finally when you load example.html it will inherit the header and footer section from base.html and show its content in middle