**Static files in Django:** hardcoded images/videos that doesn’t change on time in websites. It also includes css, js files.

GLOBALLY STATIC FILE USE:

First step: backend ke bola

STATIC\_URL = 'static/'

STATICFILES\_DIRS = [

    BASE\_DIR/'static',

]

Eta chara kaj hobe na!

Eta diye bola holo static file er directory holo root directory er ‘static’ folder e.

BASE DIR: root directory

Second Step: Template e static key word load kora

{% load static %}

Third Step: src te evabe likhbo

<img *class*="w-25" *src*="{% static 'bird\_1.jpg' %}" *alt*="bird image 1">

Locally app er modde korte step 2 & 3 korle hobe. 1 lage na.

Template e static css link kora:

<link *rel*="stylesheet" *href*="{% static 'index.css' %}">

Set URL name:

urlpatterns = [

    path('', views.index, *name*= 'home'),

    path('about/', views.about, *name*= 'about'),

]

Using url name:

<a *class*="nav-link" *href*="{% url 'about' %}">About</a>

Get values from url:

<http://127.0.0.1:8000/bird_app/about/?name=karim>

def about(*request*):

    print(*request*.GET)

    return render(*request*, 'about.html', {'id' : *request*.GET})

**Template Inheritance**

DRY principle: don’t repeat yourself.

Template inheritance allows us to build a base “skeleton” template that contains all the common elements of our site and defines blocks that child templates can override.

To inherit template, use the extends tag.

The base.html block tags will be recognized by the template engine, which will then replace those blocks with the contents of the child template.

As many levels of inheritance as necessary may be used.

Extends tag Syntax:

{% extends “parent template name” %}

{% extends variable %}

Examples:

{% extends “ ./base.html” %}

{% extends “../base2.html” %}

{% extends “./my/base.html” %}

{% extends something %}

Block Tag:

{% block %} : it is used for overriding specific parts of a template.

Syntax:

{% block blockname %} …….. {% endblock %}

{% block blockname %} …….. {% endblock blockname %}

Example:

{% block title %} …….. {% endblock %}

{% block content %} …….. {% endblock content %}

Rules:

* Extends tag must be the first template tag in that template. Otherwise, template inheritance won’t work.
* More block tags in our base templates are better.
* We can’t define multiple block tags with the same name in the same template
* If we need to get the content of the block from the parent template and use extra content, the {{ block.super}} variable will do the trick.

Base.html:

<title> {% block title %} Other {% endblock%}</title>

Home.html:

{% extends ‘base.html’ %}

{% block title %} {{block.super}} Home {% endblock%}

Output: Other Home