**✅ Learn to Use Django Static Files (CSS, JavaScript, and Images)**

**📁 Project Structure (Example)**

myproject/

│

├── course/ # Your Django app

│ ├── static/

│ │ └── course/

│ │ ├── css/

│ │ │ └── style.css

│ │ ├── js/

│ │ │ └── scripts.js

│ │ └── images/

│ │ └── pic1.jpg

│ └── templates/

│ └── course/

│ └── django.html

**🧾 HTML Template: templates/course/django.html**

<!DOCTYPE html>

{% load static %}

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Django Static Files</title>

<!-- ✅ CSS File -->

<link rel="stylesheet" href="{% static 'course/css/style.css' %}">

</head>

<body>

<!-- ✅ Display Dynamic Text -->

<h1>{{ nm }} welcome to learn Django with static files!</h1>

<!-- ✅ Display Image -->

<img src="{% static 'course/images/pic1.jpg' %}" alt="My Image" width="100px" height="100px">

<!-- ✅ JavaScript Button -->

<form action="">

<input type="button" value="Click Me" onclick="disp()" />

</form>

<!-- ✅ JavaScript File -->

<script src="{% static 'course/js/scripts.js' %}"></script>

</body>

</html>

**🎨 CSS File: static/course/css/style.css**

body {

background-color: greenyellow;

}

**✨ JavaScript File: static/course/js/scripts.js**

function disp() {

alert("Hello! I am JavaScript from the course app.");

}

**🖼️ Image File: static/course/images/pic1.jpg**

**✅ In HTML:**

<img src="{% static 'course/images/pic1.jpg' %}" alt="pic1" width="100px" height="100px">

**✅ Alternate method using {% get\_static\_prefix %}:**

<img src="{% get\_static\_prefix %}course/images/pic1.jpg" alt="pic1" width="300px" height="300px">

⚠️ **Note:** The {% get\_static\_prefix %} tag gives the static URL prefix but doesn't add escaping or URL resolution. Prefer {% static %} in most cases.

**⚙️ Settings Required in settings.py**

Make sure you have the following:

# settings.py

STATIC\_URL = '/static/'

# If you're deploying, also include:

STATICFILES\_DIRS = [BASE\_DIR / "static"]

**✅ Summary**

| **Resource** | **Folder Path** | **How to Include in Template** |
| --- | --- | --- |
| CSS | static/course/css/style.css | <link rel="stylesheet" href="{% static 'course/css/style.css' %}"> |
| JavaScript | static/course/js/scripts.js | <script src="{% static 'course/js/scripts.js' %}"></script> |
| Image | static/course/images/pic1.jpg | <img src="{% static 'course/images/pic1.jpg' %}"> |