**Creating Hyperlinks in Django 5**

In Django templates, hyperlinks can be created in **two main ways**:

1. **Hardcoded URLs** (Direct Paths)
2. **Dynamic URLs using {% url %} Template Tag**

**1. Hardcoded URLs (Direct Paths)**

You write the link directly in the HTML with the actual path.

**Example:**

**<**ul**>**

**<**li**><**a href**=**"/"**>**Home**</**a**></**li**>**

**<**li**><**a href**=**"/about/"**>**About**</**a**></**li**>**

**<**li**><**a href**=**"/course/py/"**>**Python**</**a**></**li**>**

**<**li**><**a href**=**"/course/dj/"**>**Django**</**a**></**li**>**

**</**ul**>**

**Pros:**

* Simple and quick for testing or static sites.

**Cons:**

* If you change your URL pattern in urls.py, you must manually update every link in templates.
* Error-prone in large projects.

**2. Dynamic URLs using {% url %} Tag**

Django’s {% url %} template tag generates URLs dynamically based on the **name** given to a URL pattern in urls.py.

**Example:**

**<**ul**>**

**<**li**><**a href**=**"{% url 'home' %}"**>**Home**</**a**></**li**>**

**<**li**><**a href**=**"{% url 'about' %}"**>**About**</**a**></**li**>**

**<**li**><**a href**=**"{% url 'learn\_python' %}"**>**Python**</**a**></**li**>**

**<**li**><**a href**=**"{% url 'learn\_django' %}"**>**Django**</**a**></**li**>**

**</**ul**>**

**urls.py Example**

**from** django**.**urls **import** path

**from** **.** **import** views

urlpatterns **=** [

    path(''**,** views**.**home\_view**,** **name=**'home')**,**

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

    path('course/py/'**,** views**.**learn\_python\_view**,** **name=**'learn\_python')**,**

    path('course/dj/'**,** views**.**learn\_django\_view**,** **name=**'learn\_django')**,**

]

**Advantages of {% url %}:**

* **Maintainability**: If you change a URL path in urls.py, you don’t have to update templates — only the name stays the same.
* **Readability**: Easier to understand links by their descriptive names.
* **Parameter Support**: Works well for dynamic URLs with arguments.

**Example with URL Parameters**

**urls.py**

path('course/<slug:course\_name>/', views.course\_detail, name='course\_detail'),

**Template**

<a href="{% url 'course\_detail' 'python-basics' %}">Python Basics</a>

**Generated URL:** /course/python-basics/

**Best Practice**

✅ Always use {% url %} in Django templates instead of hardcoding paths.  
It ensures that changes in URL configurations don’t break links across your project.