## ✅ Step 1 — Install Django

```
pip install django
```

## ✅ Step 2 — Create a New Django Project

```
django-admin startproject myproject
```

Your folder structure now:

```
myproject/
    manage.py
    myproject/
        settings.py
        urls.py
        wsgi.py
```

## ✅ Step 3 — Create an App

Inside the `myproject` folder run:

```
python manage.py startapp api
```

Now structure becomes:

```
myproject/
    manage.py
    myproject/
    api/
        views.py
        urls.py (you will create)
```

## ✅ Step 4 — Add the App in settings.py

Open: `myproject/settings.py`

Add **'api'**:

```python
INSTALLED_APPS = [
    'django.contrib.admin',
    'django.contrib.auth',
    'django.contrib.contenttypes',
    'django.contrib.sessions',
    'django.contrib.messages',
    'django.contrib.staticfiles',
    'api'
]
```

## ✅ Step 5 — Create an API Route (views.py)

Open: `api/views.py`

```python
from django.http import JsonResponse

def hello(request):
    return JsonResponse({"message": "Django API is working"})
```

## ✅ Step 6 — Create urls.py inside the api app

Create a new file:
`api/urls.py`

Add:

```python
from django.urls import path
from .views import hello

urlpatterns = [
    path('hello/', hello)
]
```

## ✅ Step 7 — Connect app URLs to main project

Open: `myproject/urls.py`

Modify like this:

```
from django.contrib import admin
from django.urls import path, include

urlpatterns = [
    path('admin/', admin.site.urls),
    path('', include('api.urls'))
]
```

## ✅ Step 8 — Run Django Server

Inside the project folder:

`python manage.py runserver`

You will see:

`Starting development server at http://127.0.0.1:8000/`

## 🚀 Step 9 — Test Your API

Open browser or Postman:

`http://127.0.0.1:8000/hello/`

Response:

```
{
  "message": "Django API is working"
}
```