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Lab7

BN232

1. Objective

To create a basic Django web application that displays "Hello, World!" on a web page.

2. Steps Performed

### Step 1: Environment Setup

# Created virtual environment to avoid package conflicts

cd ~

mkdir django\_lab

cd django\_lab

python3 -m venv myenv

source myenv/bin/activate

# Installed Django

pip install Django

### step 2 Project creation

# Created Django project

django-admin startproject hello\_project

cd hello\_project

# Created hello app

python3 manage.py startapp hello

### step 3 configuration

INSTALLED\_APPS = [

'django.contrib.admin',

'django.contrib.auth',

'django.contrib.contenttypes',

'django.contrib.sessions',

'django.contrib.messages',

'django.contrib.staticfiles',

'hello', # Added hello app

]

Created hello/views.py

from django.http import HttpResponse

def hello\_world(request):

return HttpResponse("Hello, World!")

Created hello/urls.py

from django.urls import path

from . import views

urlpatterns = [

path('', views.hello\_world),

]

Modified hello\_project/urls.py

from django.contrib import admin

from django.urls import path, include

urlpatterns = [

path('admin/', admin.site.urls),

path('', include('hello.urls')),

]

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