Step 1: Set Up the Django Project

1. Install Django (if not already installed):

```
pip install django
```

2. Create a Django Project:

```
django-admin startproject myproject
cd myproject
```

3. Create a Django App:

```
python manage.py startapp myapp
```

Step 2: Configure the Project

1. Add the App to INSTALLED_APPS : Open myproject/settings.py and add 'myapp' to
 the INSTALLED_APPS list:

```
INSTALLED_APPS = [
    'django.contrib.admin',
    'django.contrib.auth',
    'django.contrib.contenttypes',
    'django.contrib.sessions',
    'django.contrib.messages',
    'django.contrib.staticfiles',
    'myapp', # Add your app here
]
```

2. Configure URLs: Open myproject/urls.py and include the URLs for your app:

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

urlpatterns = [
    path('admin/', admin.site.urls),
    path('', include('myapp.urls')), # Include myapp URLs
]
```

Step 3: Create Views and URLs for the App

1. Create a View: Open myapp/views.py and define a view function:

```
from django.shortcuts import render
from django.http import HttpResponse

def home(request):
    return HttpResponse("Hello, Django! Welcome to my first app.")
```

2. **Define URLs for the App**: Create a new file myapp/urls.py and add the following code:

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

urlpatterns = [
    path('', views.home, name='home'), # Map the root URL to the home view
]
```

Step 4: Add HTML Templates

1. Create a Templates Directory: Inside the myapp directory, create a folder named templates. Inside the templates folder, create another folder named myapp (to follow Django's template naming conventions).

The structure should look like this:

2. **Create an HTML Template**: Inside myapp/templates/myapp/, create a file named home.html and add the following code:

3. **Update the View to Render the Template**: Modify the home view in myapp/views.py to render the HTML template:

```
from django.shortcuts import render

def home(request):
    return render(request, 'myapp/home.html')
```

Step 5: Run the Development Server

1. Migrate the Database (optional for this basic app):

```
python manage.py migrate
```

2. Run the Server:

```
python manage.py runserver
```

3. Access the Application: Open your browser and go to http://127.0.0.1:8000/. You should see the HTML page with the message:

```
Hello, Django!
Welcome to my first Django application.
```

Step 6: Add Static Files (Optional)

If you want to add CSS, JavaScript, or images, follow these steps:

1. Create a Static Directory: Inside the myapp directory, create a folder named static. Inside the static folder, create another folder named myapp (to follow Django's static file naming conventions).

The structure should look like this:

2. Add a CSS File: Inside myapp/static/myapp/, create a file named styles.css and add some basic styles:

```
body {
    font-family: Arial, sans-serif;
    background-color: #f4f4f4;
    color: #333;
    text-align: center;
    padding: 50px;
}

h1 {
    color: #007BFF;
}
```

3. Link the CSS File in the Template: Update myapp/templates/myapp/home.html to include the CSS file:

```
<link rel="stylesheet" href="{% static 'myapp/styles.css' %}">
</head>
<body>
    <h1>Hello, Django!</h1>
    Welcome to my first Django application.
</body>
</html>
```

4. Restart the Server: Refresh the page in your browser to see the updated styles.

Final Project Structure

```
myproject/
├─ myproject/
   — __init__.py
    \vdash settings.py
    ├─ urls.py
    ├─ wsgi.py
   └─ asgi.py
  - myapp/
   ├─ migrations/
   — __init__.py
    — admin.py
    ├─ apps.py
    ├─ models.py
    ├─ tests.py
    ├─ views.py
    ├─ urls.py
    ├─ templates/
      └─ myapp/
          └─ home.html
    └─ static/
       └─ myapp/
          └─ styles.css
  manage.py
```

Summary

- You created a Django project and app.
- You configured URLs and views.
- You added an HTML template and optional static files.
- You ran the development server and viewed the application in the browser.

This is a great starting point for building more complex Django applications!