

1- إنشاء بيئة افتراضية

```
C:\Users\zak71\Desktop\Azhar adel\labs\lab1>python -m venv djangoenv
```

2- تفعيل هذه البيئة الافتراضية

```
C:\Users\zak71\Desktop\Azhar adel\labs\lab1>djangoenv\Scripts\activate
```

3- تثبيت Django

```
(djangoenv) C:\Users\zak71\Desktop\Azhar adel\labs\lab1>pip install django
Requirement already satisfied: django in c:\users\zak71\desktop\azhar adel\labs\lab1\djangoenv\lib\site-packages (5.1)
Requirement already satisfied: asgiref<4,>=3.8.1 in c:\users\zak71\desktop\azhar adel\labs\lab1\djangoenv\lib\site-packages (from django) (3.8.1)
Requirement already satisfied: sqlparse>=0.3.1 in c:\users\zak71\desktop\azhar adel\labs\lab1\djangoenv\lib\site-packages (from django) (0.5.1)
Requirement already satisfied: tzdata in c:\users\zak71\desktop\azhar adel\labs\lab1\djangoenv\lib\site-packages (from django) (2024.1)
```

4- إنشاء مشروع جديد

```
(djangoenv) C:\Users\zak71\Desktop\Azhar adel\labs\lab1>django-admin startproject mysite
```

5- اظهار ملفات المشروع

```
C:\Users\zak71\Desktop\Azhar adel\labs\lab1\djangoenv\mysite>dir
Volume in drive C has no label.
Volume Serial Number is 9609-6907

Directory of C:\Users\zak71\Desktop\Azhar adel\labs\lab1\djangoenv\mysite

27/09/2024  21:10    <DIR>          .
27/09/2024  21:10    <DIR>          ..
27/09/2024  20:59             131,072 db.sqlite3
27/09/2024  20:41              684 manage.py
27/09/2024  20:42    <DIR>          mysite
27/09/2024  21:17    <DIR>          pages
                2 File(s)          131,756 bytes
                4 Dir(s)  84,402,196,480 bytes free

C:\Users\zak71\Desktop\Azhar adel\labs\lab1\djangoenv\mysite>
```

6- عمل runserver للمشروع

```
(djangoenv) C:\Users\zak71\Desktop\Azhar adel\labs\lab1\djangoenv\mysite>python manage.py runserver
Watching for file changes with StatReloader
Performing system checks...

System check identified no issues (0 silenced).
September 27, 2024 - 21:02:33
Django version 5.1.1, using settings 'mysite.settings'
Starting development server at http://127.0.0.1:8000/
Quit the server with CTRL-BREAK.
```

7- إنشاء تطبيق جديد

```
(djangoenv) C:\Users\zak71\Desktop\Azhar adel\labs\lab1\mysite>python manage.py startapp pages

(djangoenv) C:\Users\zak71\Desktop\Azhar adel\labs\lab1\mysite>
```

8- اظهار هيكل التطبيق الجديد

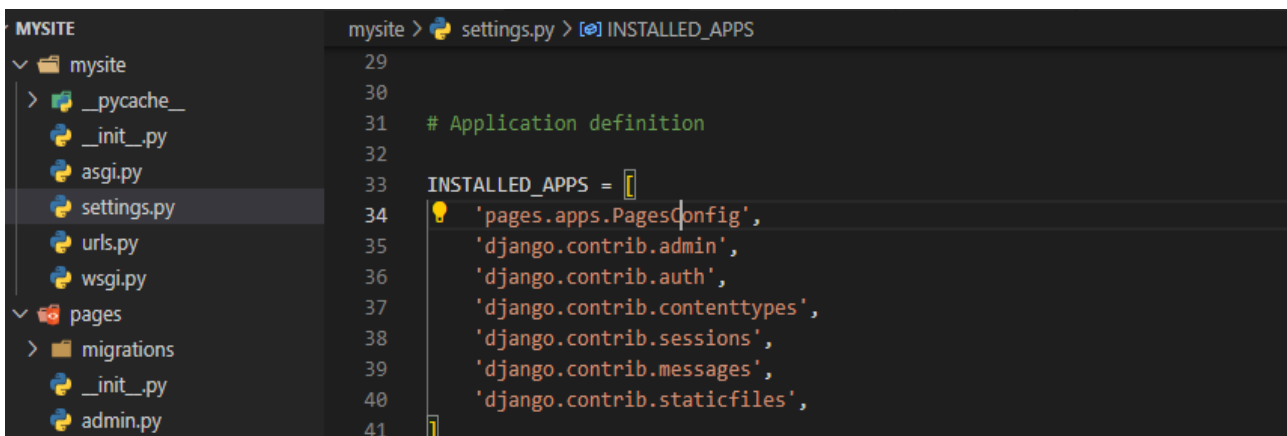
```
C:\Users\zak71\Desktop\Azhar adel\labs\lab1\djangoenv\mysite\pages>dir
Volume in drive C has no label.
Volume Serial Number is 9609-6907

Directory of C:\Users\zak71\Desktop\Azhar adel\labs\lab1\djangoenv\mysite\pages

27/09/2024  21:17    <DIR>          .
27/09/2024  21:17    <DIR>          ..
27/09/2024  21:10         66 admin.py
27/09/2024  21:10        148 apps.py
27/09/2024  21:10    <DIR>          migrations
27/09/2024  21:10         60 models.py
27/09/2024  21:10         63 tests.py
27/09/2024  21:38        108 urls.py
27/09/2024  22:38        163 views.py
27/09/2024  21:10          0 __init__.py
              7 File(s)          608 bytes
              3 Dir(s)  84,399,394,816 bytes free

C:\Users\zak71\Desktop\Azhar adel\labs\lab1\djangoenv\mysite\pages>
```

8- اضافته التطبيق الى ملف settings.py. ليتم التعرف عليه

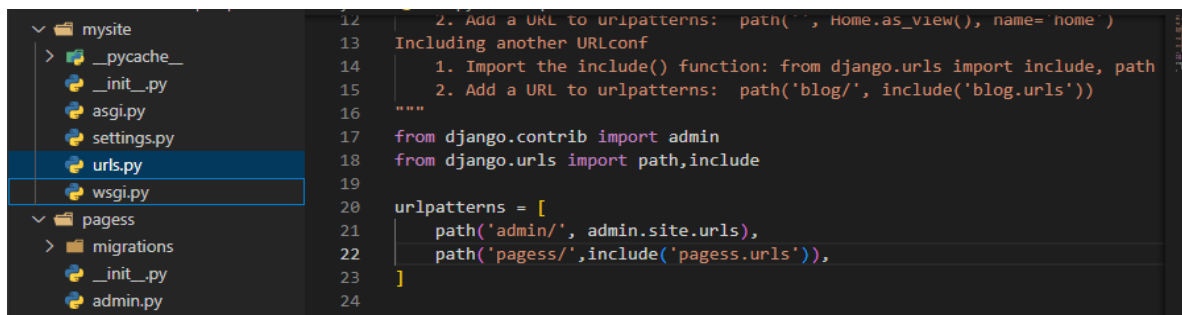


```

mysite > settings.py > INSTALLED_APPS
29
30
31 # Application definition
32
33 INSTALLED_APPS = [
34     'pages.apps.PagesConfig',
35     'django.contrib.admin',
36     'django.contrib.auth',
37     'django.contrib.contenttypes',
38     'django.contrib.sessions',
39     'django.contrib.messages',
40     'django.contrib.staticfiles',
41 ]

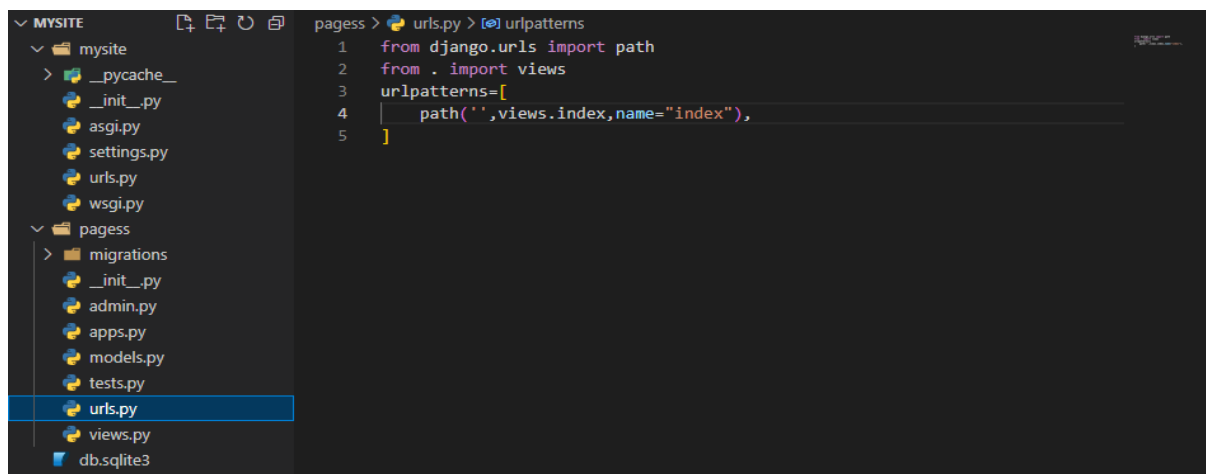
```

9- عمل url urls.py ليتمكن من الوصول اليه



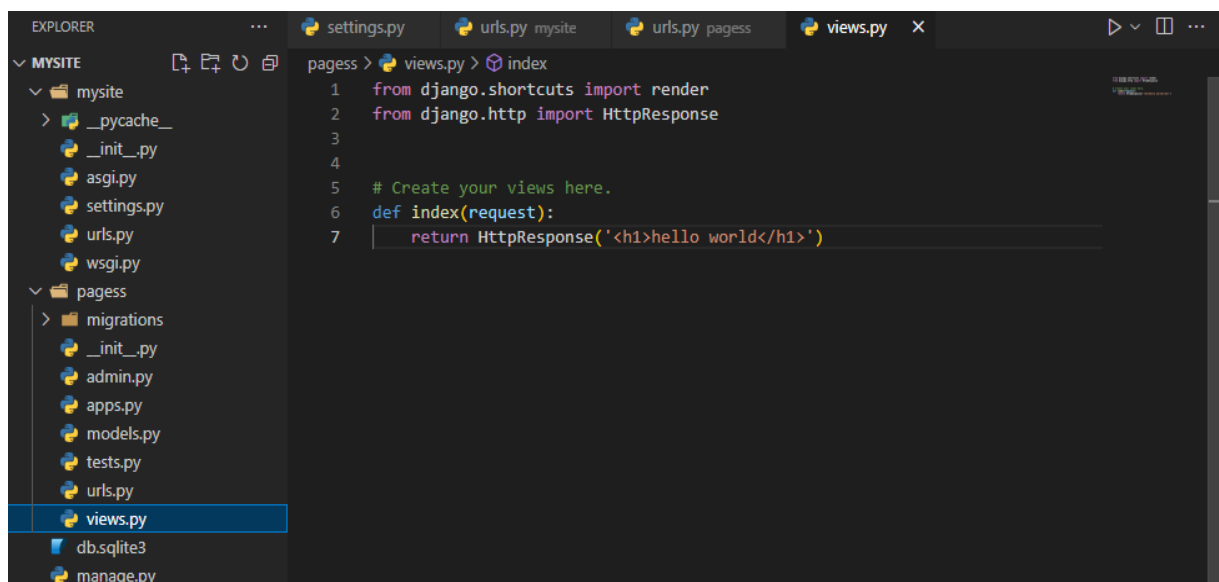
```
12     2. Add a URL to urlpatterns: path('', Home.as_view(), name='home')
13 Including another URLconf
14     1. Import the include() function: from django.urls import include, path
15     2. Add a URL to urlpatterns: path('blog/', include('blog.urls'))
16 """
17 from django.contrib import admin
18 from django.urls import path,include
19
20 urlpatterns = [
21     path('admin/', admin.site.urls),
22     path('pagess/',include('pagess.urls')),
23 ]
24
```

10-عمل ملف خاص بالتطبيق وازافة اول رابط



```
pagess > urls.py > urlpatterns
1 from django.urls import path
2 from . import views
3 urlpatterns=[
4     path('',views.index,name="index"),
5 ]
```

11-اول عرض في المشروع باستخدام HttpResponse



```
pagess > views.py > index
1 from django.shortcuts import render
2 from django.http import HttpResponse
3
4
5 # Create your views here.
6 def index(request):
7     return HttpResponse('<h1>hello world</h1>')
```



The install worked successfully! Congratulations!

View [release notes](#) for Django 5.1

You are seeing this page because `DEBUG=True` is in your settings file and you have not configured any URLs.

django

المتصفح لم يعرض ما داخل ال view



This site can't be reached

127.0.0.1 refused to connect.

Try:

- Checking the connection
- [Checking the proxy and the firewall](#)

ERR_CONNECTION_REFUSED

Reload

Details