

```
Select Command Prompt
Microsoft Windows [Version 10.0.19045.4170]
(c) Microsoft Corporation. All rights reserved.

C:\Users\steez>mkdir.djangogirls

C:\Users\steez>cd.djangogirls

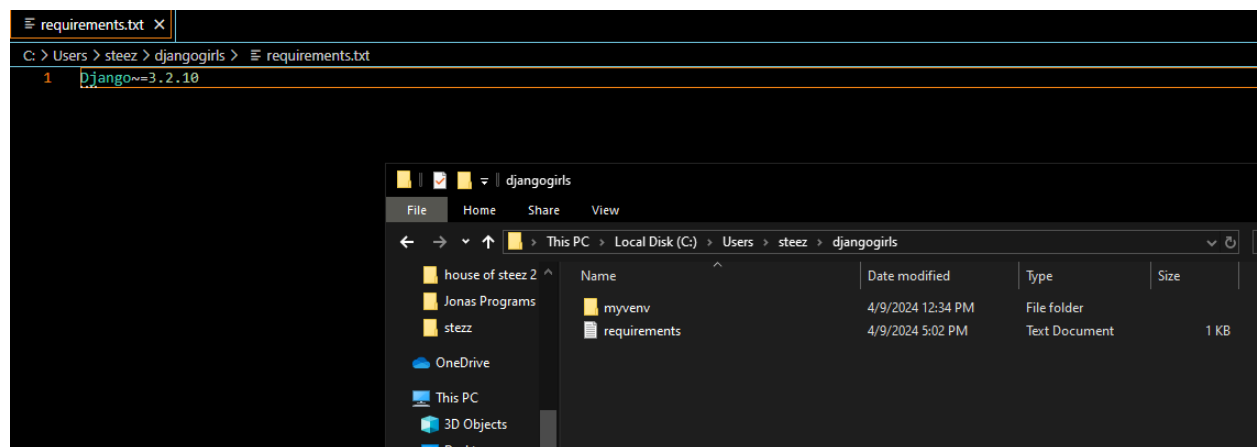
C:\Users\steez\djangogirls>python3 -m venv myenv

C:\Users\steez\djangogirls>myenv\Scripts\activate

(myenv) C:\Users\steez\djangogirls>python -m pip install --upgrade pip
Requirement already satisfied: pip in c:\users\steez\djangogirls\myenv\lib\site-packages (24.0)

(myenv) C:\Users\steez\djangogirls>
```

Django Installation



Using VS Code for requirements.txt

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Command Prompt

C:\Users\steez>cd djangogirls

C:\Users\steez\djangogirls>python3 -m venv myenv

C:\Users\steez\djangogirls> myenv\Scripts\activate

(myenv) C:\Users\steez\djangogirls>python -m pip install --upgrade pip
Requirement already satisfied: pip in c:\users\steez\djangogirls\myenv\lib\site-packages (24.0)

(myenv) C:\Users\steez\djangogirls>pip install -r requirements.txt
Collecting Django~3.2.10 (from -r requirements.txt (line 1))
  Downloading Django-3.2.25-py3-none-any.whl.metadata (4.1 kB)
Collecting asgiref<4,>=3.3.2 (from Django~3.2.10->-r requirements.txt (line 1))
  Downloading asgiref-3.8.1-py3-none-any.whl.metadata (9.3 kB)
Collecting pytz (from Django~3.2.10->-r requirements.txt (line 1))
  Downloading pytz-2024.1-py2.py3-none-any.whl.metadata (22 kB)
Collecting sqlparse>=0.2.2 (from Django~3.2.10->-r requirements.txt (line 1))
  Downloading sqlparse-0.4.4-py3-none-any.whl.metadata (4.0 kB)
Downloading Django-3.2.25-py3-none-any.whl (7.9 MB)
----- 7.9/7.9 MB 33.5 MB/s eta 0:00:00
Downloading asgiref-3.8.1-py3-none-any.whl (23 kB)
Downloading sqlparse-0.4.4-py3-none-any.whl (41 kB)
----- 41.2/41.2 kB 1.9 MB/s eta 0:00:00
Downloading pytz-2024.1-py2.py3-none-any.whl (505 kB)
----- 505.5/505.5 kB ? eta 0:00:00
Installing collected packages: pytz, sqlparse, asgiref, Django
Successfully installed Django-3.2.25 asgiref-3.8.1 pytz-2024.1 sqlparse-0.4.4

(myenv) C:\Users\steez\djangogirls>
```

Installing requirements.txt to django

```

C:\Users\steez>cd djangoirls

C:\Users\steez\djangoirls>python3 -m venv myenv

C:\Users\steez\djangoirls> myenv\Scripts\activate

(myenv) C:\Users\steez\djangoirls>python -m pip install --upgrade pip
Requirement already satisfied: pip in c:\users\steez\djangoirls\myenv\lib\site-packages (24.0)

(myenv) C:\Users\steez\djangoirls>pip install -r requirements.txt
Collecting Django==3.2.10 (from -r requirements.txt (line 1))
  Downloading Django-3.2.25-py3-none-any.whl.metadata (4.1 kB)
Collecting asgiref<4.0,>=3.3.2 (from Django==3.2.10->-r requirements.txt (line 1))
  Downloading asgiref-3.8.1-py3-none-any.whl.metadata (9.3 kB)
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Collecting sqlparse==0.4.2 (from Django==3.2.10->-r requirements.txt (line 1))
  Downloading sqlparse-0.4.4-py3-none-any.whl.metadata (4.0 kB)
Downloading Django-3.2.25-py3-none-any.whl (7.9 MB)
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Downloading asgiref-3.8.1-py3-none-any.whl (23 kB)
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----- 41.7/41.2 kB 1.9 MB/s eta 0:00:00
Downloading pytz-2024.1-py2.py3-none-any.whl (505 kB)
----- 505.0/505.5 kB ? eta 0:00:00
Installing collected packages: pytz, sqlparse, asgiref, Django
Successfully installed Django-3.2.25 asgiref-3.8.1 pytz-2024.1 sqlparse-0.4.4

(myenv) C:\Users\steez\djangoirls>django-admin.exe startproject mysite .

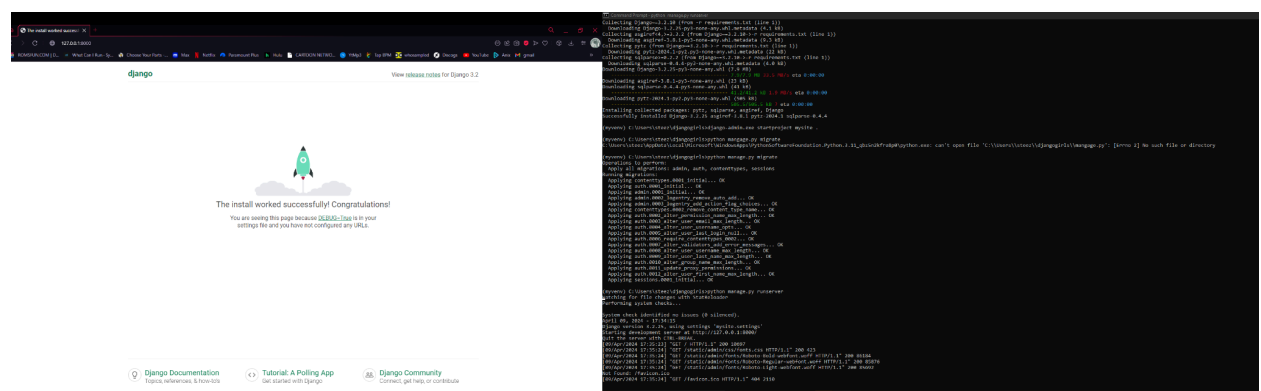
(myenv) C:\Users\steez\djangoirls>python manage.py migrate
C:\Users\steez\AppData\Local\Microsoft\WindowsApps\PythonSoftwareFoundation.Python.3.11_qbz5n2kfra8p0\python.exe: can't open file 'C:\Users\steez\djangoirls\manage.py': [Errno 2] No such file or directory

(myenv) C:\Users\steez\djangoirls>python manage.py migrate
Operations to perform:
  Apply all migrations: admin, auth, contenttypes, sessions
Running migrations:
  Applying contenttypes.0001_initial... OK
  Applying auth.0001_initial... OK
  Applying admin.0001_initial... OK
  Applying admin.0002_logentry_remove_auto_add... OK
  Applying admin.0003_logentry_add_action_flag_choices... OK
  Applying contenttypes.0002_remove_content_type_name... OK
  Applying auth.0002_alter_permission_name_max_length... OK
  Applying auth.0003_alter_user_email_max_length... OK
  Applying auth.0004_alter_user_username_opts... OK
  Applying auth.0005_alter_user_last_login_null... OK
  Applying auth.0006_require_contenttypes_0002... OK
  Applying auth.0007_alter_validators_add_error_messages... OK
  Applying auth.0008_alter_user_username_max_length... OK
  Applying auth.0009_alter_user_last_name_max_length... OK
  Applying auth.0010_alter_group_name_max_length... OK
  Applying auth.0011_update_proxy_permissions... OK
  Applying auth.0012_alter_user_first_name_max_length... OK
  Applying sessions.0001_initial... OK

(myenv) C:\Users\steez\djangoirls>

```

Starting project and migrating some settings



Website is live

```
Command Prompt
Error: [Errno 13] Permission denied: 'C:\\Users\\steez\\djangogirls\\myenv\\Scripts\\python.exe'

C:\\Users\\steez\\djangogirls>myenv\\Scripts\\activate

(myenv) C:\\Users\\steez\\djangogirls>python manage.py startapp blog

(myenv) C:\\Users\\steez\\djangogirls>python manage.py makemigrations blog
No changes detected in app 'blog'

(myenv) C:\\Users\\steez\\djangogirls>python manage.py makemigration blog
Unknown command: 'makemigration'. Did you mean makemigrations?
Type 'manage.py help' for usage.

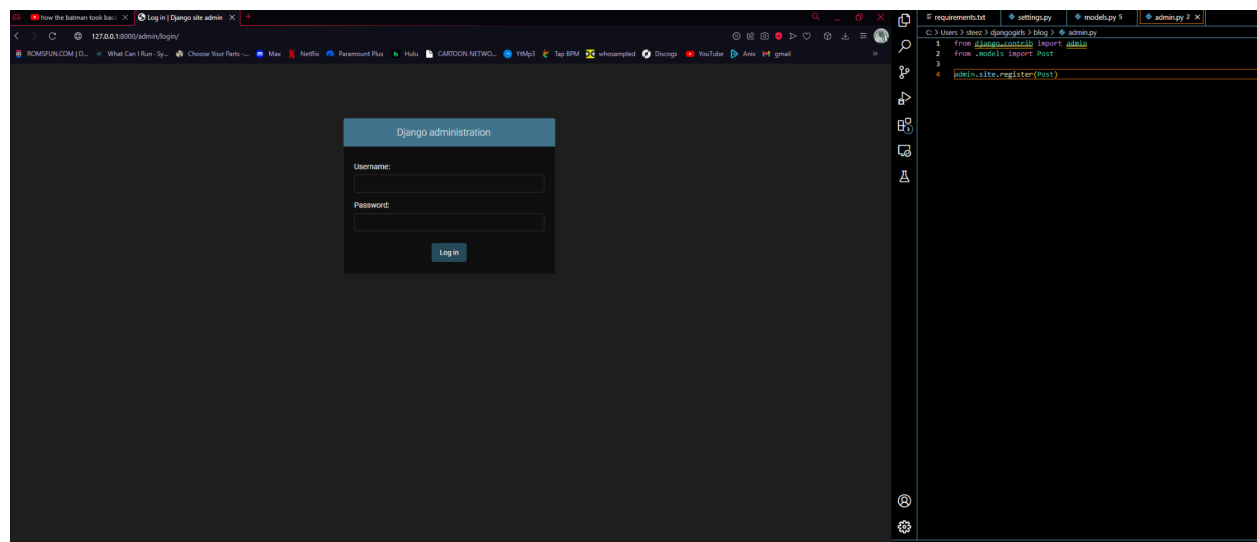
(myenv) C:\\Users\\steez\\djangogirls>python manage.py makemigrations blog
No changes detected in app 'blog'

(myenv) C:\\Users\\steez\\djangogirls>python manage.py makemigrations blog
Migrations for 'blog':
  blog\\migrations\\0001_initial.py
    - Create model Post

(myenv) C:\\Users\\steez\\djangogirls>python manage.py migrate blog
Operations to perform:
  Apply all migrations: blog
Running migrations:
  Applying blog.0001_initial... OK

(myenv) C:\\Users\\steez\\djangogirls>
```

Creating blog folder



Admin settings updated, admin website shown

```
C:\> Command Prompt
Error: [Errno 13] Permission denied: 'C:\\Users\\steez\\djangogirls\\myenv\\Scripts\\python.exe'

C:\\Users\\steez\\djangogirls>myenv\\Scripts\\activate

(myvenv) C:\\Users\\steez\\djangogirls>python manage.py startapp blog

(myvenv) C:\\Users\\steez\\djangogirls>python manage.py makemigrations blog
No changes detected in app 'blog'

(myvenv) C:\\Users\\steez\\djangogirls>python manage.py makemigration blog
Unknown command: 'makemigration'. Did you mean makemigrations?
Type 'manage.py help' for usage.

(myvenv) C:\\Users\\steez\\djangogirls>python manage.py makemigrations blog
No changes detected in app 'blog'

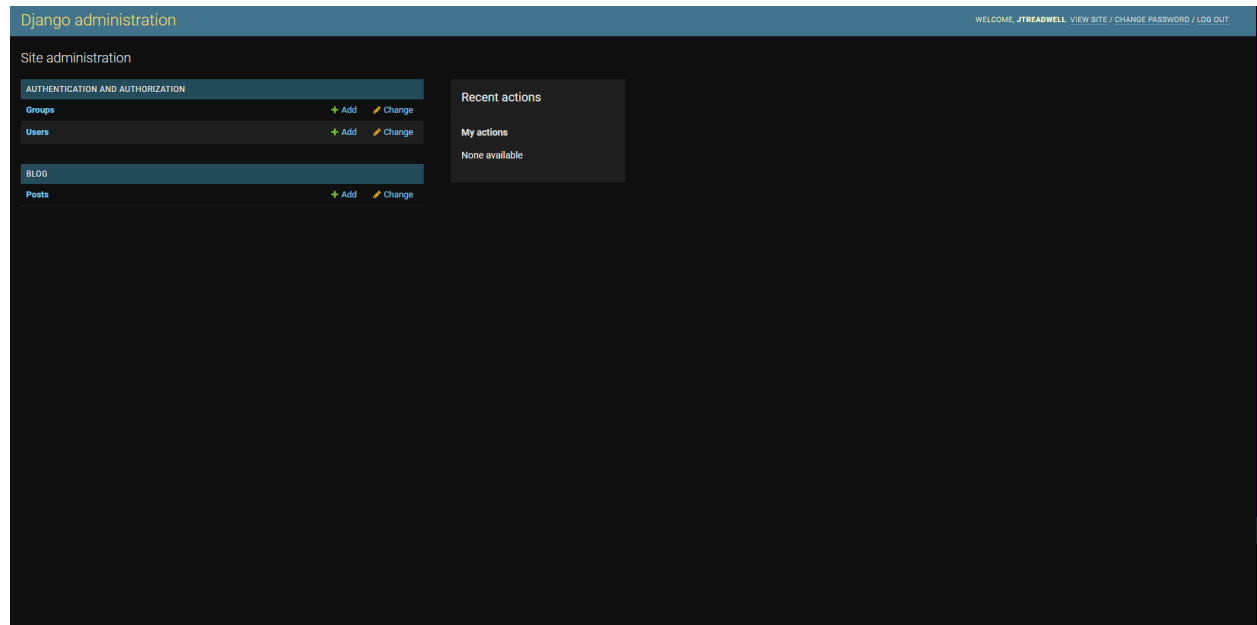
(myvenv) C:\\Users\\steez\\djangogirls>python manage.py makemigrations blog
Migrations for 'blog':
  blog\\migrations\\0001_initial.py
    - Create model Post

(myvenv) C:\\Users\\steez\\djangogirls>python manage.py migrate blog
Operations to perform:
  Apply all migrations: blog
Running migrations:
  Applying blog.0001_initial... OK

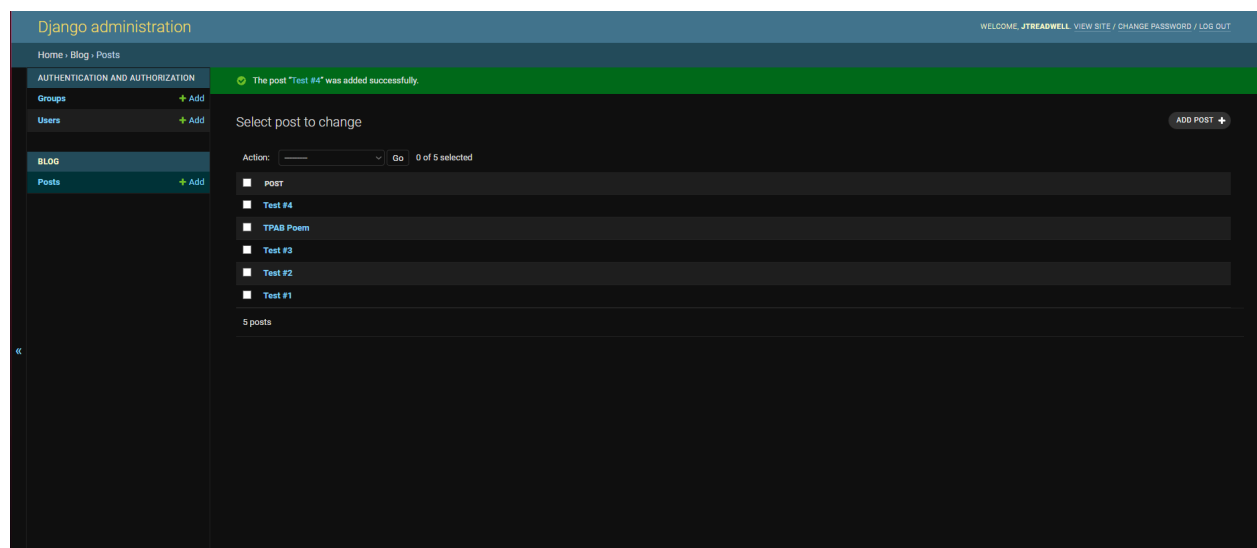
(myvenv) C:\\Users\\steez\\djangogirls>python manage.py createsuperuser
Username (leave blank to use 'steez'): jtreadwell
Email address: jtreadwell4@ivytech.edu
Password:
Password (again):
Superuser created successfully.

(myvenv) C:\\Users\\steez\\djangogirls>_
```

Creating superuser settings for admin



After login



5 test blogs successfully uploaded