

Kizzie Trinh
SDEV 220
Django Instructions

1. Django Installation



```
Microsoft Windows [Version 10.0.22631.3296]
(c) Microsoft Corporation. All rights reserved.

C:\Users\canas> cd desktop

C:\Users\canas\Desktop>mkdir djangogirls

C:\Users\canas\Desktop>cd djangogirls

C:\Users\canas\Desktop\djangogirls>python -m venv myenv

C:\Users\canas\Desktop\djangogirls>
C:\Users\canas\Desktop\djangogirls>myenv\Scripts\activate

(myenv) C:\Users\canas\Desktop\djangogirls>

Microsoft Windows [Version 10.0.22631.3447]
(c) Microsoft Corporation. All rights reserved.

C:\Users\canas> cd desktop

C:\Users\canas\Desktop>mkdir djangogirls

C:\Users\canas\Desktop>cd djangogirls

C:\Users\canas\Desktop\djangogirls>python -m venv myenv

C:\Users\canas\Desktop\djangogirls>myenv\Scripts\activate

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

(myenv) C:\Users\canas\Desktop\djangogirls>
```

Kizzie Trinh

SDEV 220

Django Instructions

```
Command Prompt - pip insta X + v
Microsoft Windows [Version 10.0.22631.3447]
(c) Microsoft Corporation. All rights reserved.

C:\Users\canas> cd desktop

C:\Users\canas\Desktop>mkdir djangogirls

C:\Users\canas\Desktop>cd djangogirls

C:\Users\canas\Desktop\djangogirls>python -m venv myvenv

C:\Users\canas\Desktop\djangogirls>myvenv\Scripts\activate

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

(myvenv) C:\Users\canas\Desktop\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 2.1 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
```

```
Command Prompt X + v
Microsoft Windows [Version 10.0.22631.3447]
(c) Microsoft Corporation. All rights reserved.

C:\Users\canas> cd desktop

C:\Users\canas\Desktop>mkdir djangogirls

C:\Users\canas\Desktop>cd djangogirls

C:\Users\canas\Desktop\djangogirls>python -m venv myvenv

C:\Users\canas\Desktop\djangogirls>myvenv\Scripts\activate

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

(myvenv) C:\Users\canas\Desktop\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 2.1 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

(myvenv) C:\Users\canas\Desktop\djangogirls>
```

Kizzie Trinh

SDEV 220

Django Instructions

2. First Django Project

```
Command Prompt
C:\Users\canas\Desktop>cd.djangogirls
C:\Users\canas\Desktop\djangogirls>python -m venv myenv
C:\Users\canas\Desktop\djangogirls>myenv\Scripts\activate

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

(myenv) C:\Users\canas\Desktop\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 2.1 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\canas\Desktop\djangogirls>django-admin.exe startproject mysite .

(myenv) C:\Users\canas\Desktop\djangogirls>dir
Volume in drive C is Windows
Volume Serial Number is 764E-1A5A

Directory of C:\Users\canas\Desktop\djangogirls

04/10/2024 09:08 PM <DIR> .
04/10/2024 08:50 PM <DIR> ..
04/10/2024 09:08 PM      684 manage.py
04/10/2024 09:08 PM <DIR> mysite
04/10/2024 08:50 PM <DIR> myenv
04/10/2024 08:55 PM      14 requirements.txt
                2 File(s)      698 bytes
                4 Dir(s) 380,738,887,680 bytes free

(myenv) C:\Users\canas\Desktop\djangogirls>mysite/settings.py
'mysite' is not recognized as an internal or external command,
operable program or batch file.

(myenv) C:\Users\canas\Desktop\djangogirls>

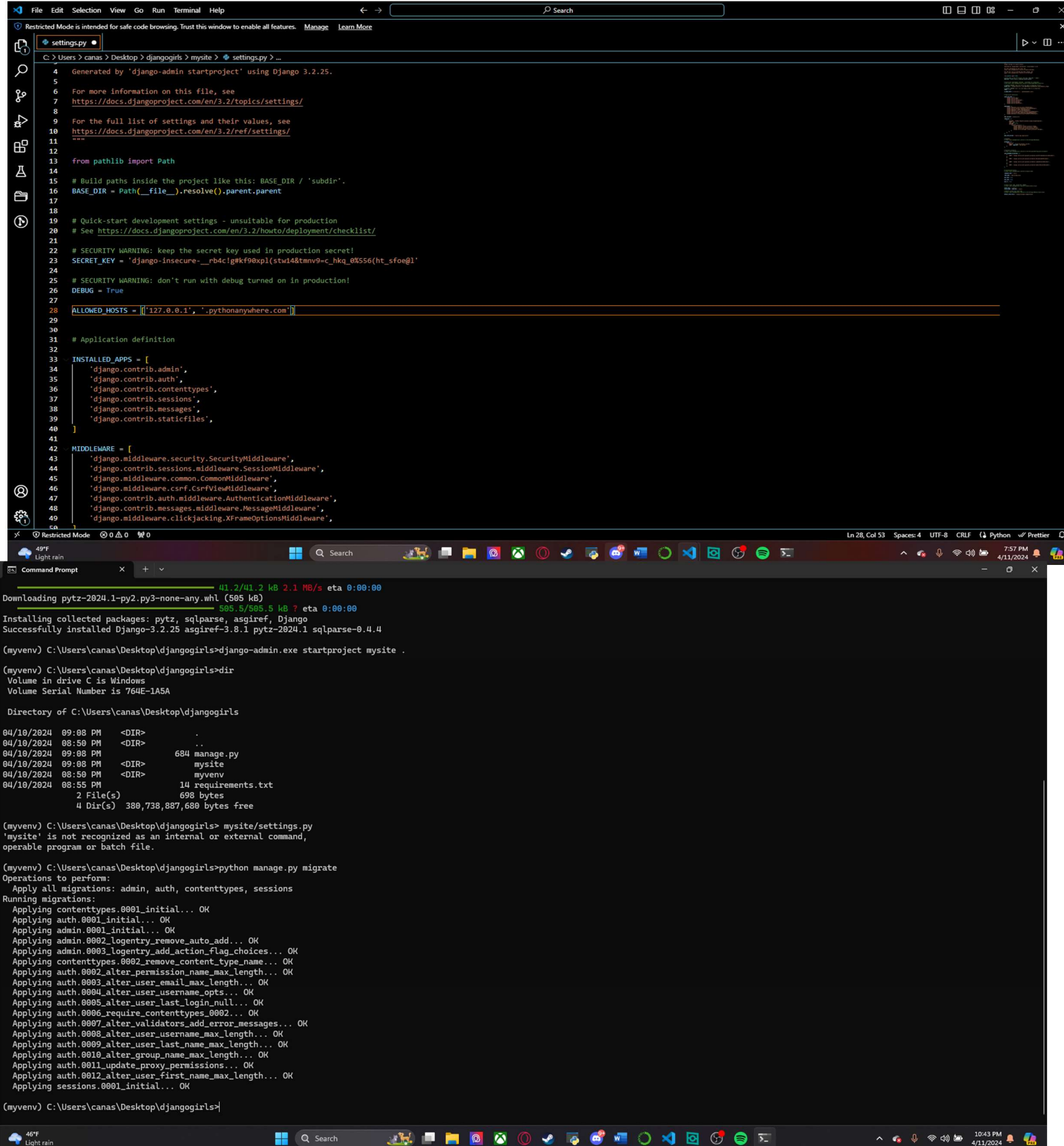
File Edit Selection View Go Run Terminal Help
C:\Users\canas\Desktop\djangogirls>mysite>settings.py ...

83
84 # Password validation
85 # https://docs.djangoproject.com/en/3.2/ref/settings/#auth-password-validators
86
87 AUTH_PASSWORD_VALIDATORS = [
88     {
89         'NAME': 'django.contrib.auth.password_validation.UserAttributeSimilarityValidator',
90     },
91     {
92         'NAME': 'django.contrib.auth.password_validation.MinimumLengthValidator',
93     },
94     {
95         'NAME': 'django.contrib.auth.password_validation.CommonPasswordValidator',
96     },
97     {
98         'NAME': 'django.contrib.auth.password_validation.NumericPasswordValidator',
99     },
100 ]
101
102
103 # Internationalization
104 # https://docs.djangoproject.com/en/3.2/topics/i18n/
105
106 LANGUAGE_CODE = 'en-us'
107
108 TIME_ZONE = 'America/New York'
109
110 USE_I18N = True
111
112 USE_L10N = True
113
114 USE_TZ = True
115
116
117 # Static files (CSS, JavaScript, Images)
118 # https://docs.djangoproject.com/en/3.2/howto/static-files/
119
120 STATIC_URL = '/static/'
121
122 # Default primary key field type
123 # https://docs.djangoproject.com/en/3.2/ref/settings/#default-auto-field
124
125 DEFAULT_AUTO_FIELD = 'django.db.models.BigAutoField'
126
```

Kizzie Trinh

SDEV 220

Django Instructions



The image shows a Windows desktop environment. The top window is a code editor displaying the `settings.py` file for a Django project named `mysite`. The file is generated by `django-admin startproject` using Django 3.2.25. It includes configuration for `SECRET_KEY`, `DEBUG`, `ALLOWED_HOSTS`, and a list of installed apps and middleware.

```
4 Generated by 'django-admin startproject' using Django 3.2.25.
5
6 For more information on this file, see
7 https://docs.djangoproject.com/en/3.2/topics/settings/
8
9 For the full list of settings and their values, see
10 https://docs.djangoproject.com/en/3.2/ref/settings/
11 """
12
13 from pathlib import Path
14
15 # Build paths inside the project like this: BASE_DIR / 'subdir'.
16 BASE_DIR = Path(__file__).resolve().parent.parent
17
18
19 # Quick-start development settings - unsuitable for production
20 # See https://docs.djangoproject.com/en/3.2/howto/deployment/checklist/
21
22 # SECURITY WARNING: keep the secret key used in production secret!
23 SECRET_KEY = 'django-insecure-__rb4c!g#kf90xp1(stw14&tmv9-c_hkq_0XS56(ht_sfoe@1'
24
25 # SECURITY WARNING: don't run with debug turned on in production!
26 DEBUG = True
27
28 ALLOWED_HOSTS = ['127.0.0.1', '.pythonanywhere.com']
29
30
31 # Application definition
32
33 INSTALLED_APPS = [
34     'django.contrib.admin',
35     'django.contrib.auth',
36     'django.contrib.contenttypes',
37     'django.contrib.sessions',
38     'django.contrib.messages',
39     'django.contrib.staticfiles',
40 ]
41
42 MIDDLEWARE = [
43     'django.middleware.security.SecurityMiddleware',
44     'django.contrib.sessions.middleware.SessionMiddleware',
45     'django.middleware.common.CommonMiddleware',
46     'django.middleware.csrf.CsrfViewMiddleware',
47     'django.contrib.auth.middleware.AuthenticationMiddleware',
48     'django.contrib.messages.middleware.MessageMiddleware',
49     'django.middleware.clickjacking.XFrameOptionsMiddleware',
50 ]
```

The bottom window is a Command Prompt showing the installation of Django and the execution of `django-admin startproject` and `python manage.py migrate`. The output shows that Django 3.2.25 and other dependencies were successfully installed, and the migration process completed without errors.

```
41.2/41.2 kB 2.1 MB/s eta 0:00:00
Downloading pytz-2024.1-py2.py3-none-any.whl (505 kB)
505.5/505.5 kB 7 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

(myvenv) C:\Users\canas\Desktop\djangoirls>django-admin.exe startproject mysite .

(myvenv) C:\Users\canas\Desktop\djangoirls>dir
Volume in drive C is Windows
Volume Serial Number is 764E-1A5A

Directory of C:\Users\canas\Desktop\djangoirls

04/10/2024 09:08 PM <DIR> .
04/10/2024 08:50 PM <DIR> ..
04/10/2024 09:08 PM      684 manage.py
04/10/2024 09:08 PM <DIR> mysite
04/10/2024 08:50 PM <DIR> myvenv
04/10/2024 08:55 PM      14 requirements.txt
                2 File(s)      698 bytes
                4 Dir(s) 380,738,887,680 bytes free

(myvenv) C:\Users\canas\Desktop\djangoirls>mysite/settings.py
'mysite' is not recognized as an internal or external command,
operable program or batch file.

(myvenv) C:\Users\canas\Desktop\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

(myvenv) C:\Users\canas\Desktop\djangoirls>
```

Kizzie Trinh

SDEV 220

Django Instructions

```
Command Prompt - python r x + v
04/10/2024 09:08 PM 684 manage.py
04/10/2024 09:08 PM <DIR> mysite
04/10/2024 08:50 PM <DIR> myenv
04/10/2024 08:55 PM 14 requirements.txt
2 File(s) 698 bytes
4 Dir(s) 380,738,887,680 bytes free

(myvenv) C:\Users\canas\Desktop\django\django> mysite/settings.py
'mysite' is not recognized as an internal or external command,
operable program or batch file.

(myvenv) C:\Users\canas\Desktop\django\django> 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

(myvenv) C:\Users\canas\Desktop\django\django> python manage.py runserver
Watching for file changes with StatReloader
Performing system checks...

System check identified no issues (0 silenced).
April 11, 2024 - 22:44:15
Django version 3.2.25, using settings 'mysite.settings'
Starting development server at http://127.0.0.1:8000/
Quit the server with CTRL-BREAK.
[11/Apr/2024 22:44:40] "GET / HTTP/1.1" 200 10697
[11/Apr/2024 22:44:40] "GET /static/admin/css/fonts.css HTTP/1.1" 200 423
[11/Apr/2024 22:44:40] "GET /static/admin/fonts/Roboto-Light-webfont.woff HTTP/1.1" 200 85692
[11/Apr/2024 22:44:40] "GET /static/admin/fonts/Roboto-Bold-webfont.woff HTTP/1.1" 200 86184
[11/Apr/2024 22:44:40] "GET /static/admin/fonts/Roboto-Regular-webfont.woff HTTP/1.1" 200 85876
Not Found: /favicon.ico
```

The install worked successfully! Congratulations!

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

[View release notes](#) for Django 3.2

[Django Documentation](#)
Topics, references, & how-to's

[Tutorial: A Polling App](#)
Get started with Django

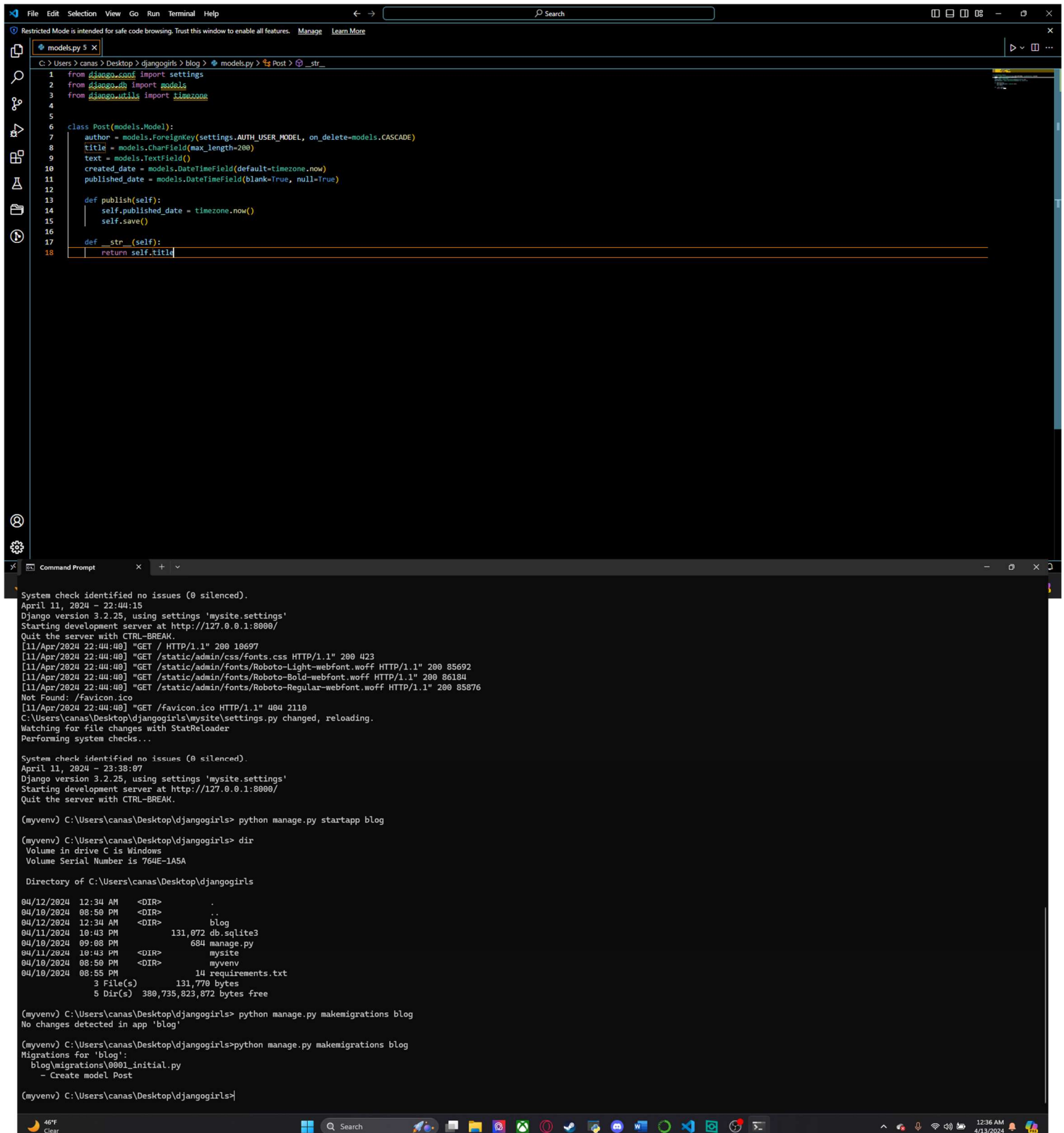
[Django Community](#)
Connect, get help, or contribute

Kizzie Trinh

SDEV 220

Django Instructions

3. Django Models



```
File Edit Selection View Go Run Terminal Help
Restricted Mode is intended for safe code browsing. Trust this window to enable all features. Manage Learn More
models.py 5 X
C:\Users\canas\Desktop\djangoirls> blog > models.py > % Post > _str_
1 from django.conf import settings
2 from django.db import models
3 from django.utils import timezone
4
5
6 class Post(models.Model):
7     author = models.ForeignKey(settings.AUTH_USER_MODEL, on_delete=models.CASCADE)
8     title = models.CharField(max_length=200)
9     text = models.TextField()
10    created_date = models.DateTimeField(default=timezone.now)
11    published_date = models.DateTimeField(blank=True, null=True)
12
13    def publish(self):
14        self.published_date = timezone.now()
15        self.save()
16
17    def __str__(self):
18        return self.title
```

```
System check identified no issues (0 silenced).
April 11, 2024 - 22:44:15
Django version 3.2.25, using settings 'mysite.settings'
Starting development server at http://127.0.0.1:8000/
Quit the server with CTRL-BREAK.
[11/Apr/2024 22:44:40] "GET / HTTP/1.1" 200 10697
[11/Apr/2024 22:44:40] "GET /static/admin/css/fonts.css HTTP/1.1" 200 423
[11/Apr/2024 22:44:40] "GET /static/admin/fonts/Roboto-Light-webfont.woff HTTP/1.1" 200 85692
[11/Apr/2024 22:44:40] "GET /static/admin/fonts/Roboto-Bold-webfont.woff HTTP/1.1" 200 86194
[11/Apr/2024 22:44:40] "GET /static/admin/fonts/Roboto-Regular-webfont.woff HTTP/1.1" 200 85876
Not Found: /favicon.ico
[11/Apr/2024 22:44:40] "GET /favicon.ico HTTP/1.1" 404 2110
C:\Users\canas\Desktop\djangoirls\mysite\settings.py changed, reloading.
Watching for file changes with StatReloader
Performing system checks...

System check identified no issues (0 silenced).
April 11, 2024 - 23:38:07
Django version 3.2.25, using settings 'mysite.settings'
Starting development server at http://127.0.0.1:8000/
Quit the server with CTRL-BREAK.

(myvenv) C:\Users\canas\Desktop\djangoirls> python manage.py startapp blog

(myvenv) C:\Users\canas\Desktop\djangoirls> dir
Volume in drive C is Windows
Volume Serial Number is 764E-1A5A

Directory of C:\Users\canas\Desktop\djangoirls

04/12/2024 12:34 AM <DIR>      .
04/10/2024 08:50 PM <DIR>      ..
04/12/2024 12:34 AM <DIR>      blog
04/11/2024 10:43 PM      131,072 db.sqlite3
04/10/2024 09:08 PM      684 manage.py
04/11/2024 10:43 PM <DIR>      mysite
04/10/2024 08:50 PM <DIR>      myvenv
04/10/2024 08:55 PM      14 requirements.txt
3 File(s)      131,770 bytes
5 Dir(s)      380,735,823,872 bytes free

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

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

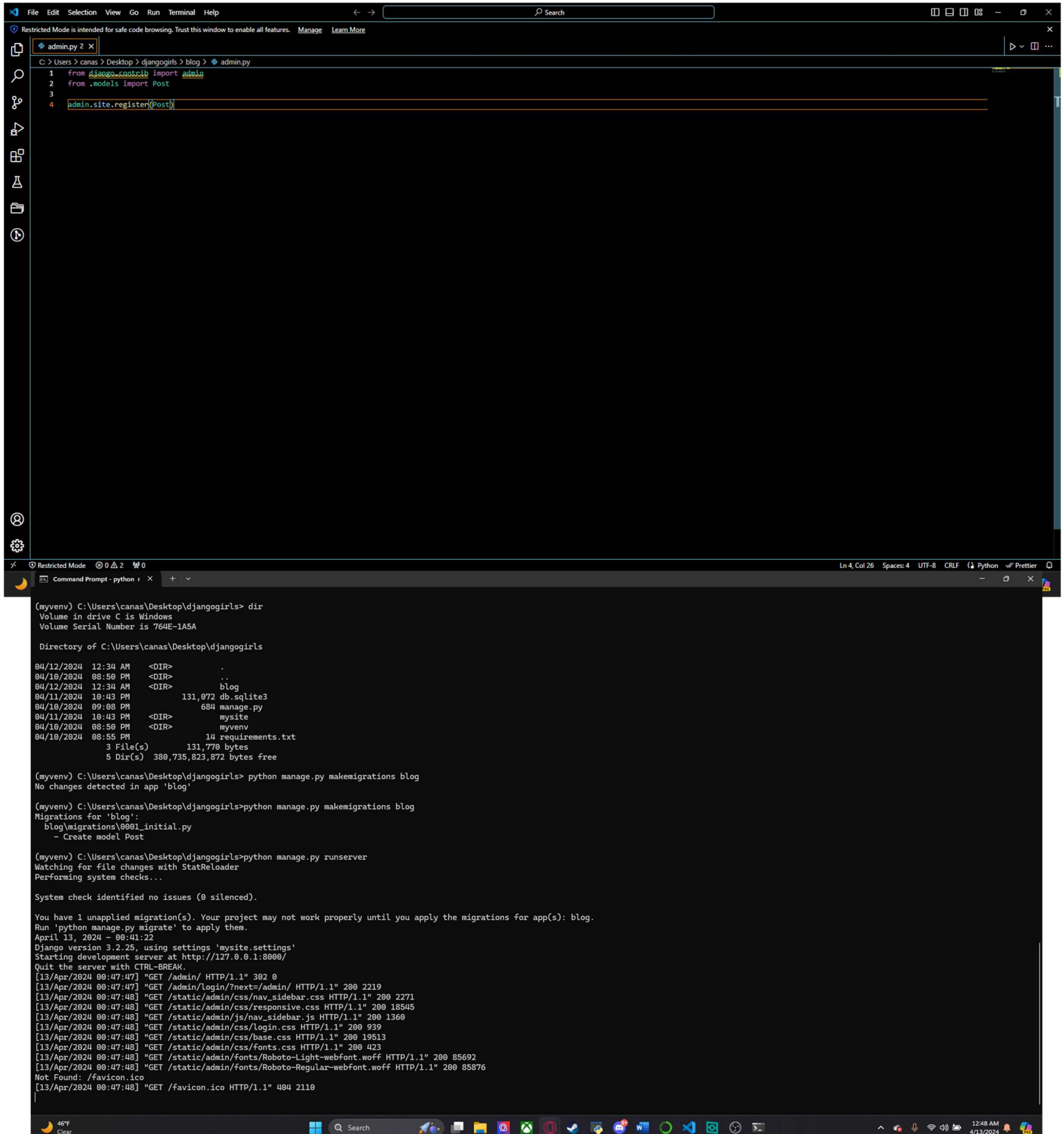
(myvenv) C:\Users\canas\Desktop\djangoirls>
```

Kizzie Trinh

SDEV 220

Django Instructions

4. Django Admin



The screenshot displays a Windows development environment. The top portion is a code editor window titled 'admin.py 2 X'. It shows the following Python code:

```
C:\Users\canas\Desktop> djangogirls > blog > admin.py
1 from django.contrib import admin
2 from .models import Post
3
4 admin.site.register(Post)
```

The bottom portion is a terminal window with the following output:

```
(myenv) C:\Users\canas\Desktop\djangogirls> dir
Volume in drive C is Windows
Volume Serial Number is 764E-1A5A

Directory of C:\Users\canas\Desktop\djangogirls

04/12/2024 12:34 AM <DIR>      .
04/10/2024 08:50 PM <DIR>      ..
04/12/2024 12:34 AM <DIR>      blog
04/11/2024 10:43 PM          131,872 db.sqlite3
04/10/2024 09:08 PM          684 manage.py
04/11/2024 10:43 PM <DIR>      mysite
04/10/2024 08:50 PM <DIR>      myenv
04/10/2024 08:55 PM          14 requirements.txt
3 File(s)          131,770 bytes
5 Dir(s)          380,735,823,872 bytes free

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

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

(myenv) C:\Users\canas\Desktop\djangogirls> python manage.py runserver
Watching for file changes with StatReloader
Performing system checks...

System check identified no issues (0 silenced).

You have 1 unapplied migration(s). Your project may not work properly until you apply the migrations for app(s): blog.
Run 'python manage.py migrate' to apply them.
April 13, 2024 - 00:41:22
Django version 3.2.25, using settings 'mysite.settings'
Starting development server at http://127.0.0.1:8000/
Quit the server with CTRL-BREAK.
[13/Apr/2024 00:47:47] "GET /admin/ HTTP/1.1" 302 0
[13/Apr/2024 00:47:47] "GET /admin/login/?next=/admin/ HTTP/1.1" 200 2219
[13/Apr/2024 00:47:48] "GET /static/admin/css/nav_sidebar.css HTTP/1.1" 200 2271
[13/Apr/2024 00:47:48] "GET /static/admin/css/responsive.css HTTP/1.1" 200 18545
[13/Apr/2024 00:47:48] "GET /static/admin/js/nav_sidebar.js HTTP/1.1" 200 1360
[13/Apr/2024 00:47:48] "GET /static/admin/css/login.css HTTP/1.1" 200 939
[13/Apr/2024 00:47:48] "GET /static/admin/css/base.css HTTP/1.1" 200 19513
[13/Apr/2024 00:47:48] "GET /static/admin/css/fonts.css HTTP/1.1" 200 423
[13/Apr/2024 00:47:48] "GET /static/admin/fonts/Roboto-Light-webfont.woff HTTP/1.1" 200 85692
[13/Apr/2024 00:47:48] "GET /static/admin/fonts/Roboto-Regular-webfont.woff HTTP/1.1" 200 85876
Not Found: /favicon.ico
[13/Apr/2024 00:47:48] "GET /favicon.ico HTTP/1.1" 404 2110
```

Kizzie Trinh

SDEV 220

Django Instructions

```
Command Prompt
Microsoft Windows [Version 10.0.22631.3447]
(c) Microsoft Corporation. All rights reserved.

C:\Users\canas> cd desktop

C:\Users\canas\Desktop>cd djangogirls

C:\Users\canas\Desktop\djangogirls>python manage.py createsuperuser
Traceback (most recent call last):
  File "C:\Users\canas\Desktop\djangogirls\manage.py", line 11, in main
    from django.core.management import execute_from_command_line
ModuleNotFoundError: No module named 'django'

The above exception was the direct cause of the following exception:

Traceback (most recent call last):
  File "C:\Users\canas\Desktop\djangogirls\manage.py", line 22, in <module>
    main()
  File "C:\Users\canas\Desktop\djangogirls\manage.py", line 13, in main
    raise ImportError(
ImportError: Couldn't import Django. Are you sure it's installed and available on your PYTHONPATH environment variable? Did you forget to activate a virtual environment?

C:\Users\canas\Desktop\djangogirls> myenv\Scripts\activate

(myenv) C:\Users\canas\Desktop\djangogirls>python manage.py createsuperuser

You have 1 unapplied migration(s). Your project may not work properly until you apply the migrations for app(s): blog.
Run 'python manage.py migrate' to apply them.
Username (leave blank to use 'canas'): python manage.py migrate
Error: Enter a valid username. This value may contain only letters, numbers, and @/./+/-/_ characters.
Username (leave blank to use 'canas'): ktrinh
Email address: ktrinh@ivytech.edu
Password:
Password (again):
Error: Your passwords didn't match.
Password:
Password (again):
Error: Blank passwords aren't allowed.
Password:
Password (again):
This password is too short. It must contain at least 8 characters.
This password is too common.
Bypass password validation and create user anyway? [y/N]: N
Password:
Password (again):
Superuser created successfully.

(myenv) C:\Users\canas\Desktop\djangogirls>
```

```
Command Prompt - python r
ImportError: Couldn't import Django. Are you sure it's installed and available on your PYTHONPATH environment variable? Did you forget to activate a virtual environment?

C:\Users\canas\Desktop\djangogirls> myenv\Scripts\activate

(myenv) C:\Users\canas\Desktop\djangogirls>python manage.py createsuperuser

You have 1 unapplied migration(s). Your project may not work properly until you apply the migrations for app(s): blog.
Run 'python manage.py migrate' to apply them.
Username (leave blank to use 'canas'): python manage.py migrate
Error: Enter a valid username. This value may contain only letters, numbers, and @/./+/-/_ characters.
Username (leave blank to use 'canas'): ktrinh
Email address: ktrinh@ivytech.edu
Password:
Password (again):
Error: Your passwords didn't match.
Password:
Password (again):
Error: Blank passwords aren't allowed.
Password:
Password (again):
This password is too short. It must contain at least 8 characters.
This password is too common.
Bypass password validation and create user anyway? [y/N]: N
Password:
Password (again):
Superuser created successfully.

(myenv) C:\Users\canas\Desktop\djangogirls>python manage.py runserver
Watching for file changes with StatReloader
Performing system checks...

System check identified no issues (0 silenced).

You have 1 unapplied migration(s). Your project may not work properly until you apply the migrations for app(s): blog.
Run 'python manage.py migrate' to apply them.
April 13, 2024 - 01:07:31
Django version 3.2.25, using settings 'mysite.settings'
Starting development server at http://127.0.0.1:8000/
Quit the server with CTRL-BREAK.
[13/Apr/2024 01:07:31] "GET /admin/ HTTP/1.1" 302 0
[13/Apr/2024 01:07:31] "GET /admin/login/?next=/admin/ HTTP/1.1" 200 2219
[13/Apr/2024 01:07:35] "GET /admin/ HTTP/1.1" 302 0
[13/Apr/2024 01:07:35] "GET /admin/login/?next=/admin/ HTTP/1.1" 200 2219
[13/Apr/2024 01:07:54] "GET /admin/login/ HTTP/1.1" 200 2206
[13/Apr/2024 01:19:19] "POST /admin/login/?next=/admin/ HTTP/1.1" 302 0
[13/Apr/2024 01:19:19] "GET /admin/ HTTP/1.1" 200 3956
[13/Apr/2024 01:19:20] "GET /static/admin/css/dashboard.css HTTP/1.1" 200 380
[13/Apr/2024 01:19:20] "GET /static/admin/img/icon-addlink.svg HTTP/1.1" 200 331
[13/Apr/2024 01:19:20] "GET /static/admin/img/icon-changelink.svg HTTP/1.1" 200 380
[13/Apr/2024 01:19:20] "GET /static/admin/fonts/Roboto-Bold-webfont.woff HTTP/1.1" 200 86184
```


Kizzie Trinh
SDEV 220
Django Instructions

