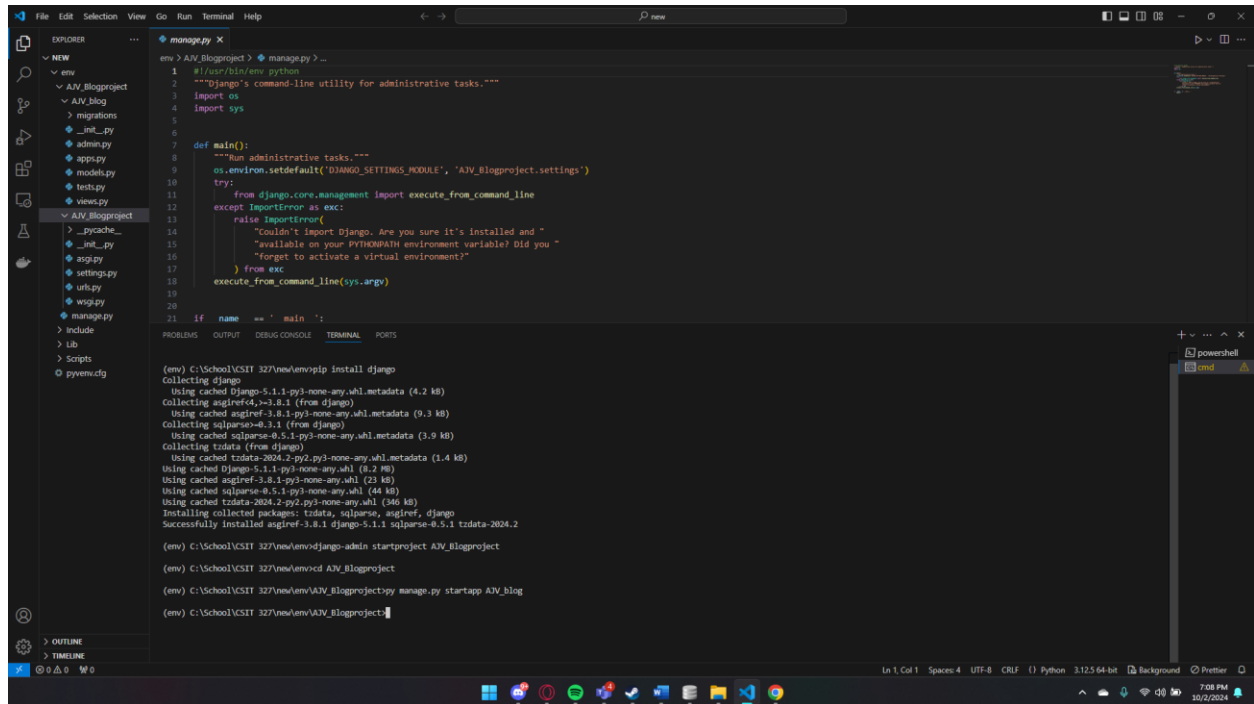


## Laboratory Exercise 5

Aldrin John Vitorillo

### A. Django Project Setup

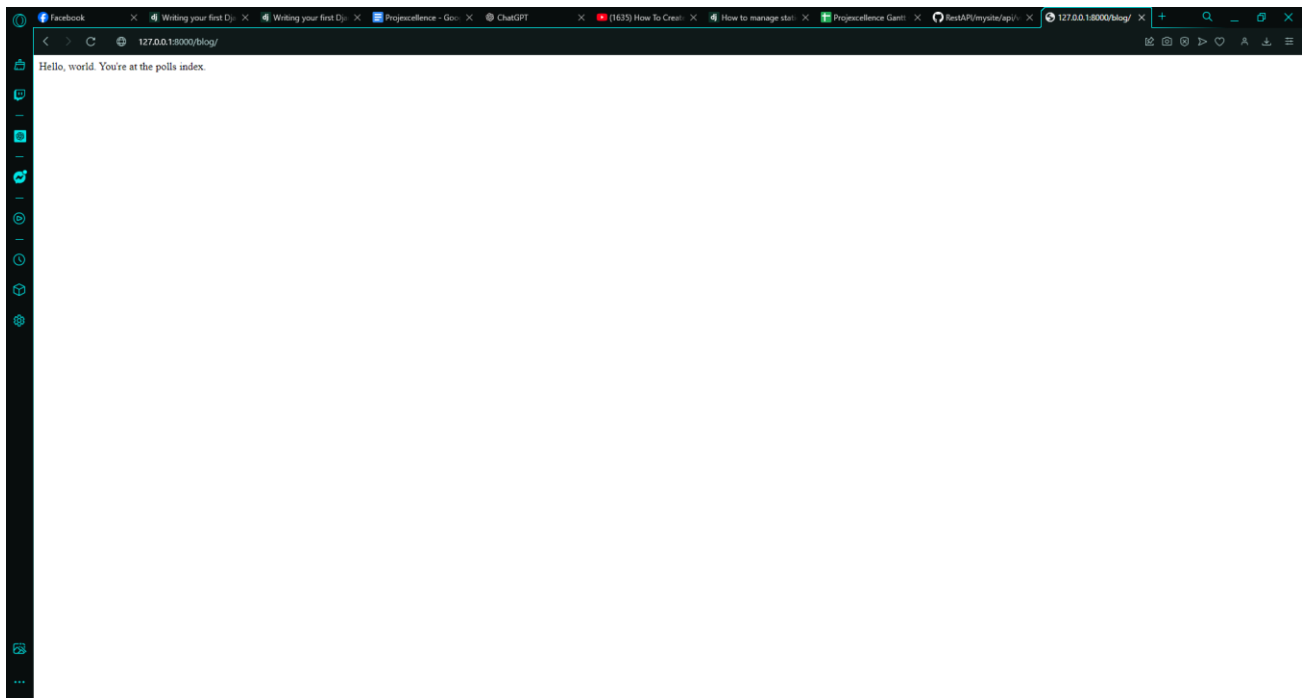


```
1 #!/usr/bin/env python
2 """Django's command-line utility for administrative tasks."""
3 import os
4 import sys
5
6
7 def main():
8     """Run administrative tasks."""
9     os.environ.setdefault('DJANGO_SETTINGS_MODULE', 'AVJ_Blogproject.settings')
10    try:
11        from django.core.management import execute_from_command_line
12    except ImportError as exc:
13        raise ImportError(
14            "Couldn't import Django. Are you sure it's installed and "
15            "available on your PYTHONPATH environment variable? Did you "
16            "forget to activate a virtual environment?"
17        ) from exc
18    execute_from_command_line(sys.argv)
19
20
21 if __name__ == '__main__':
22     main()
```

```
(env) C:\School\CSIT 327\nw\env\pip install django
Collecting django
  Using cached django-5.1.1-py3-none-any.whl.metadata (4.2 kB)
Collecting asgiref<4.0,>=3.8.1 (from django)
  Using cached asgiref-3.8.1-py3-none-any.whl.metadata (9.3 kB)
Collecting sqlparse<0.5.1,>=0.4.2 (from django)
  Using cached sqlparse-0.5.1-py3-none-any.whl.metadata (3.9 kB)
Collecting tzdata (from django)
  Using cached tzdata-2024.2-py3-none-any.whl.metadata (1.4 kB)
Using cached Django-5.1.1-py3-none-any.whl (8.2 MB)
Using cached asgiref-3.8.1-py3-none-any.whl (23 kB)
Using cached sqlparse-0.5.1-py3-none-any.whl (44 kB)
Using cached tzdata-2024.2-py3-none-any.whl (366 kB)
Installing collected packages: tzdata, sqlparse, asgiref, django
Successfully installed asgiref-3.8.1 django-5.1.1 sqlparse-0.5.1 tzdata-2024.2

(env) C:\School\CSIT 327\nw\env\django-admin startproject AVJ_Blogproject
(env) C:\School\CSIT 327\nw\env\cd AVJ_Blogproject
(env) C:\School\CSIT 327\nw\env\AVJ_Blogproject>python manage.py startapp AVJ_blog
(env) C:\School\CSIT 327\nw\env\AVJ_Blogproject>
```

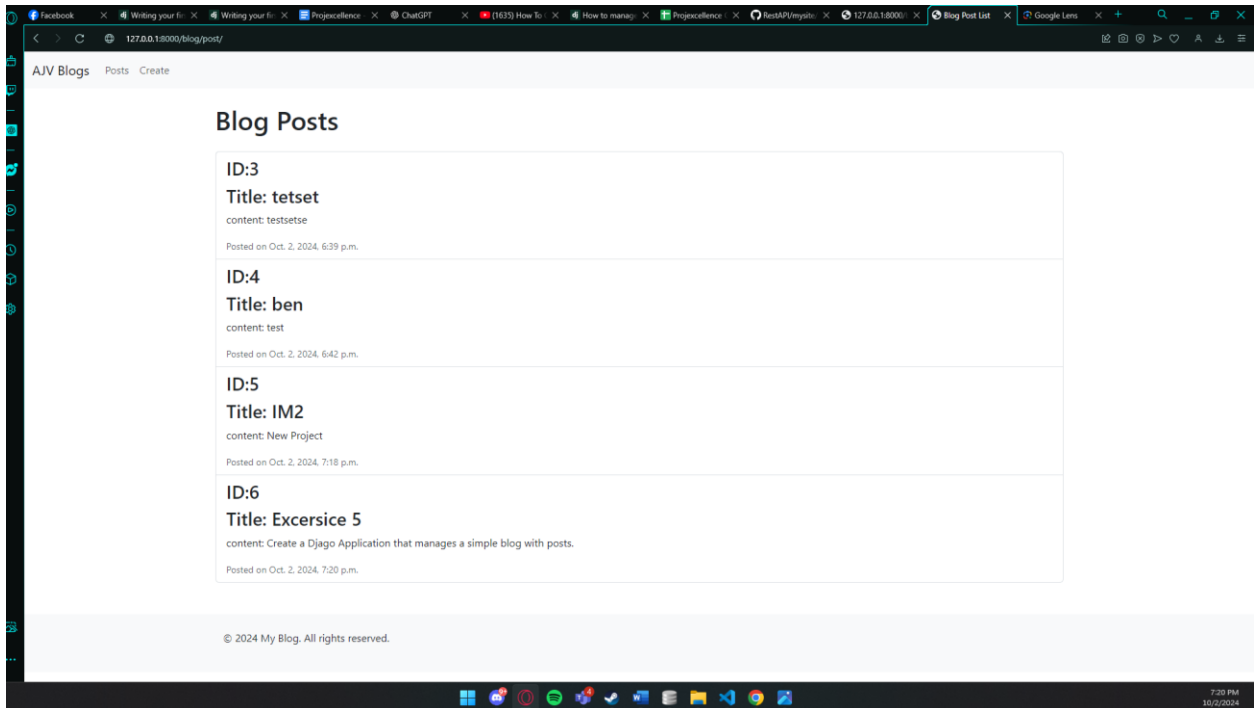
### B. Verification of a successful initial project setup.



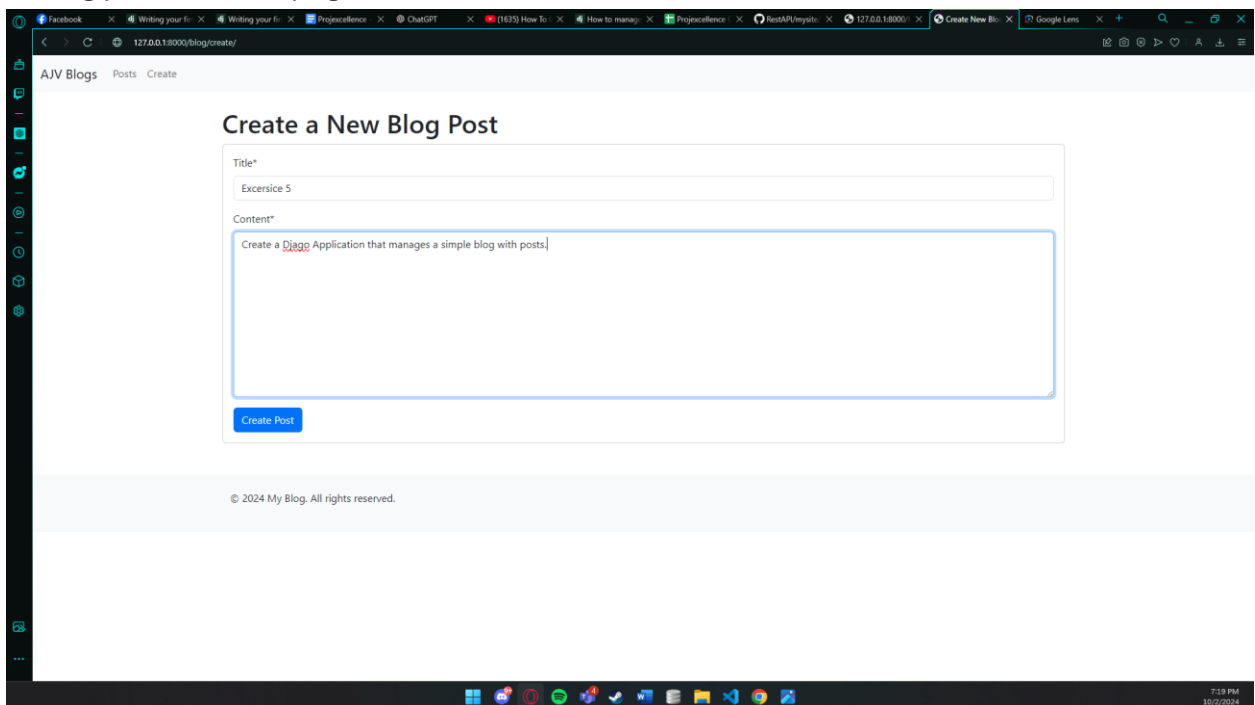
## Laboratory Exercise 5

Aldrin John Vitorillo

### C. Blog post listing page



### D. Blog post creation page



# Laboratory Exercise 5

Aldrin John Vitorillo

## E. Database records of created posts

The screenshot shows the DB Browser for SQLite application. The main window displays a table named 'posts' with the following data:

id	title	content	created_at	update_at
1	test1	test1	2024-10-02 10:39:01.818277	2024-10-02 10:39:01.818277
2	ben	test	2024-10-02 10:42:52.360449	2024-10-02 11:20:26.422827
3	BM2	New Project	2024-10-02 11:18:55.381192	2024-10-02 11:18:55.381192
4	Exercise 5	Create a Django Application that manages a simpl...	2024-10-02 11:20:04.654624	2024-10-02 11:20:04.654624

The right sidebar shows the 'Edit Database Cell' window, which is currently empty. The bottom status bar indicates the current page is 1 of 4.