

Week 8 Module 11.2 Assignment Django Basics

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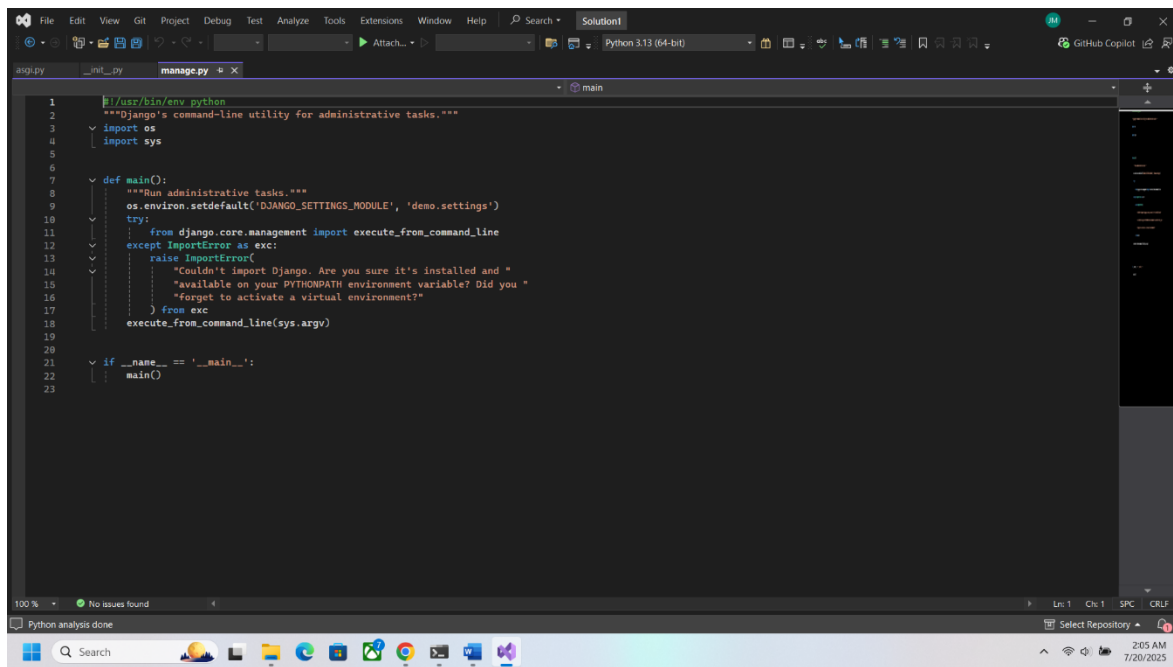
CSD325-H323 Advanced Python (2255-DD)

Jack Lusby

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Module 11.2 Assignment Django Basics

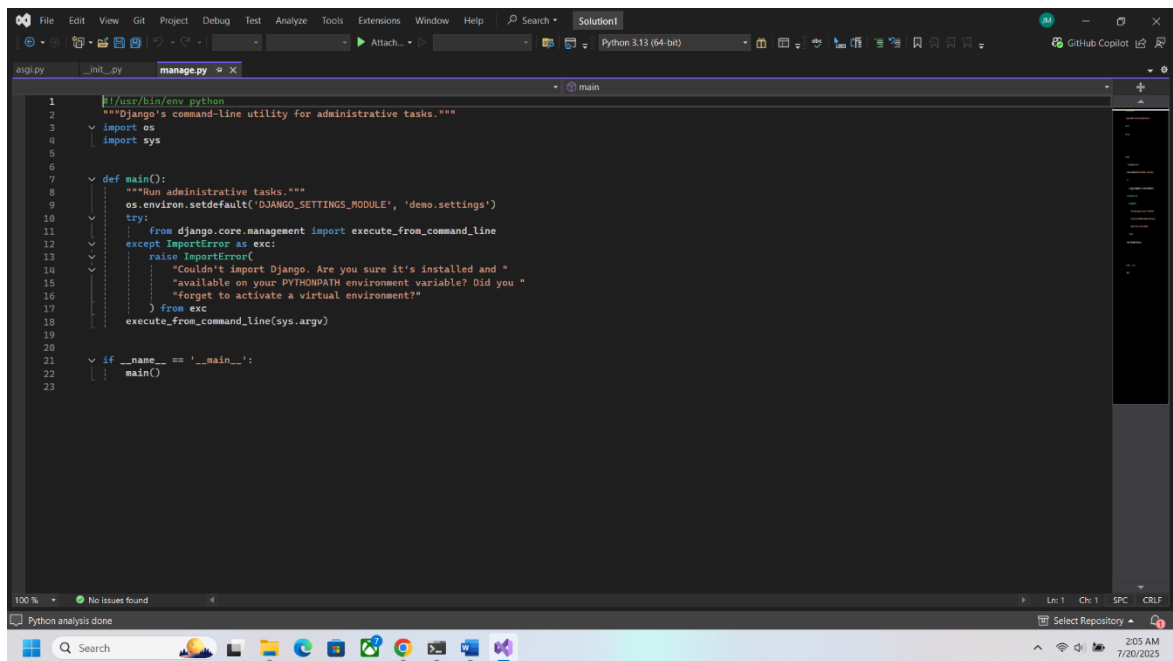
Showing directory



The screenshot shows a Visual Studio Code editor window with the file `manage.py` open. The code is for a Django management utility. It includes imports for `os` and `sys`, and a `main()` function that sets the default Django settings module to `demo.settings` and attempts to import `execute_from_command_line` from `django.core.management`. If an `ImportError` occurs, it raises a custom `ImportError` with a helpful message. The `if __name__ == '__main__':` block calls `main()`.

```
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', 'demo.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()
23
```

Showing Python files



This screenshot is identical to the one above, showing the same `manage.py` file in the VS Code editor. It displays the same code for setting the Django settings module and handling the command-line interface.

```
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', 'demo.settings')
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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()
23
```

With DIR function from windows

```
Command Prompt
C:\Users\joshN\Downloads\SchoolBelevue\Summer2025\Advanced Python\Week 8\demo>pip install django
Collecting django
  Using cached django-5.2.4-py3-none-any.whl.metadata (4.1 kB)
Requirement already satisfied: asgiref<=3.8.1 in c:\users\joshn\appdata\local\programs\python\python313\lib\site-packages (from django) (3.9.1)
Requirement already satisfied: sqlparse<=0.3.1 in c:\users\joshn\appdata\local\programs\python\python313\lib\site-packages (from django) (0.5.3)
Requirement already satisfied: tzdata in c:\users\joshn\appdata\local\programs\python\python313\lib\site-packages (from django) (2025.2)
Using cached django-5.2.4-py3-none-any.whl (8.3 MB)
Installing collected packages: django
Successfully installed django-5.2.4

C:\Users\joshN\Downloads\SchoolBelevue\Summer2025\Advanced Python\Week 8\demo>dir
Volume in drive C has no label.
Volume Serial Number is 80AF-9390

Directory of C:\Users\joshN\Downloads\SchoolBelevue\Summer2025\Advanced Python\Week 8\demo
07/18/2025  07:15 PM    <DIR>        .
07/18/2025  08:30 PM    <DIR>        ..
               0 File(s)            0 bytes
               2 Dir(s)  187,215,839,232 bytes free

C:\Users\joshN\Downloads\SchoolBelevue\Summer2025\Advanced Python\Week 8\demo>django startproject demo
'django' is not recognized as an internal or external command,
operable program or batch file.

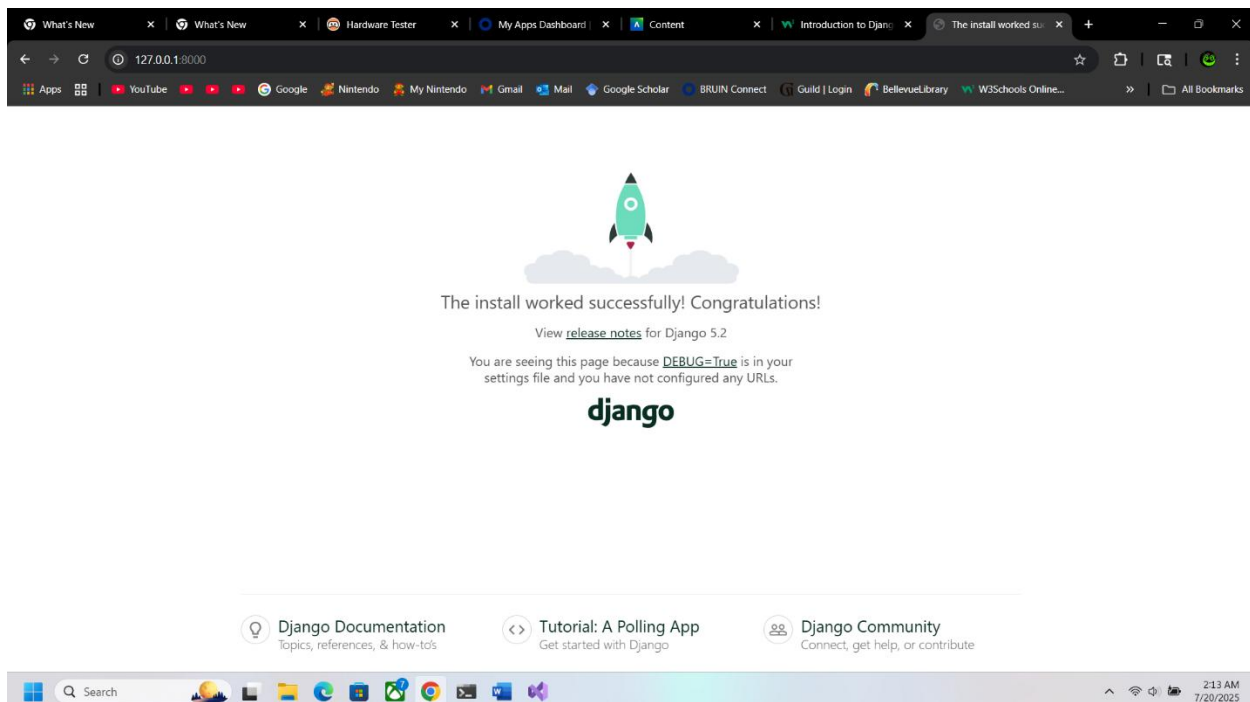
C:\Users\joshN\Downloads\SchoolBelevue\Summer2025\Advanced Python\Week 8\demo>django-admin startproject demo

C:\Users\joshN\Downloads\SchoolBelevue\Summer2025\Advanced Python\Week 8\demo>dir
Volume in drive C has no label.
Volume Serial Number is 80AF-9390

Directory of C:\Users\joshN\Downloads\SchoolBelevue\Summer2025\Advanced Python\Week 8\demo
07/20/2025  02:00 AM    <DIR>        .
07/18/2025  08:30 PM    <DIR>        ..
07/20/2025  02:02 AM    <DIR>        demo
               0 File(s)            0 bytes
               3 Dir(s)  187,189,698,560 bytes free

C:\Users\joshN\Downloads\SchoolBelevue\Summer2025\Advanced Python\Week 8\demo>
```

Showing the Django website running from program



Macias says Hello!

