

TASK 10

PEMROGRAMAN PYTHON

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Kelas: Pemrograman Python D

Membuat Project

Membuat project di Django masih dan selalu gunakan cmd. Disini saya membuat project dan menjalankan server website.

1. Akses VirtualEnv

```
('Env') C:\Python Django>'Env'\Scripts\deactivate.bat
C:\Python Django>'Env'\Scripts\activate.bat

('Env') C:\Python Django>django-admin startproject websiteku
```

2. Membuat project baru Websiteku

```
('Env') C:\Python Django>django-admin startproject websiteku

('Env') C:\Python Django>
```

3. Menampilkan List Direktori

```
('Env') C:\Python Django>dir
Volume in drive C is OS
Volume Serial Number is 8826-ED7D

Directory of C:\Python Django

15/05/2023  06:55    <DIR>          .
15/05/2023  06:22    <DIR>          'Env'
15/05/2023  06:55    <DIR>          websiteku
               0 File(s)                0 bytes
               3 Dir(s) 398.564.204.544 bytes free
```

4. Masuk ke dalam Project

```
('Env') C:\Python Django>cd websiteku

('Env') C:\Python Django\websiteku>dir
Volume in drive C is OS
Volume Serial Number is 8826-ED7D

Directory of C:\Python Django\websiteku

15/05/2023  06:55    <DIR>          .
15/05/2023  06:55    <DIR>          ..
15/05/2023  06:55                687 manage.py
15/05/2023  06:55    <DIR>          websiteku
               1 File(s)                687 bytes
               3 Dir(s) 398.563.024.896 bytes free
```

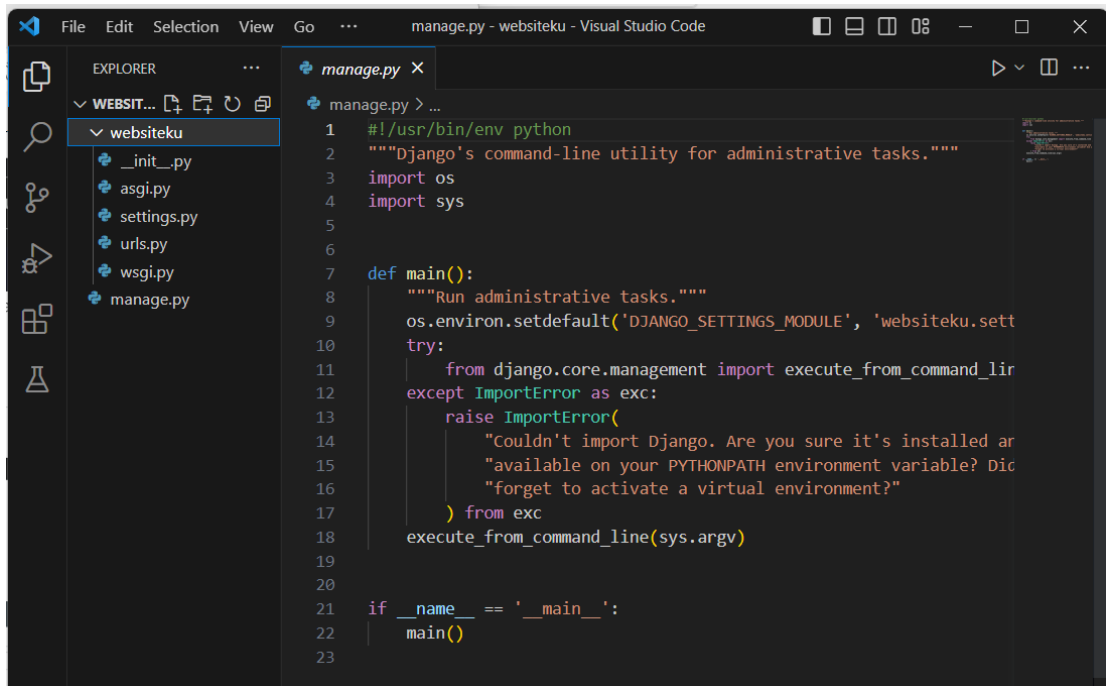
5. Menjalankan Server Website

```
('Env') C:\Python Django\websiteku>manage.py runserver

('Env') C:\Python Django\websiteku>
[main 2023-05-14T23:06:33.078Z] update#setState idle
[main 2023-05-14T23:07:03.092Z] update#setState checking for updates
[main 2023-05-14T23:07:03.524Z] update#setState downloading
[main 2023-05-14T23:07:33.770Z] update#setState updating
[main 2023-05-14T23:07:49.394Z] update#setState ready
[15284:0515/070834.153:ERROR:gpu_init.cc(523)] Passthrough is not supported, GL is disabled, ANGLE is
[main 2023-05-14T23:10:03.601Z] Extension host with pid 7716 exited with code: 0, signal: unknown.
```

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The image shows a screenshot of the Visual Studio Code editor interface. The top menu bar includes File, Edit, Selection, View, Go, and a search icon. The title bar indicates the active file is 'manage.py' in a workspace named 'websiteku'. The Explorer sidebar on the left shows the project structure with files: __init__.py, asgi.py, settings.py, urls.py, wsgi.py, and manage.py. The main editor window displays the content of 'manage.py' with line numbers 1 through 23. The code is a Django management script that sets the default settings module and attempts to execute Django commands. It includes a try-except block to handle ImportError, providing a helpful message if Django is not installed or the environment is not set up correctly.

```
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', 'websiteku.sett
10 try:
11     from django.core.management import execute_from_command_lir
12 except ImportError as exc:
13     raise ImportError(
14         "Couldn't import Django. Are you sure it's installed ar
15         "available on your PYTHONPATH environment variable? Dic
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
```