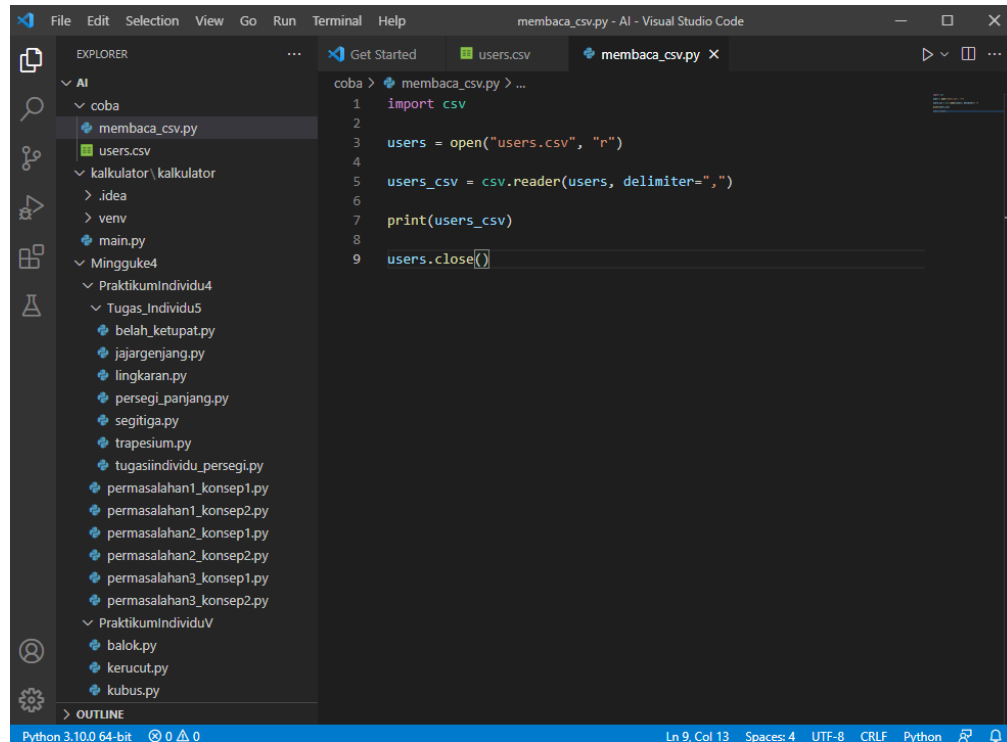


TUGAS PYTHON VII

1. Membaca CSV

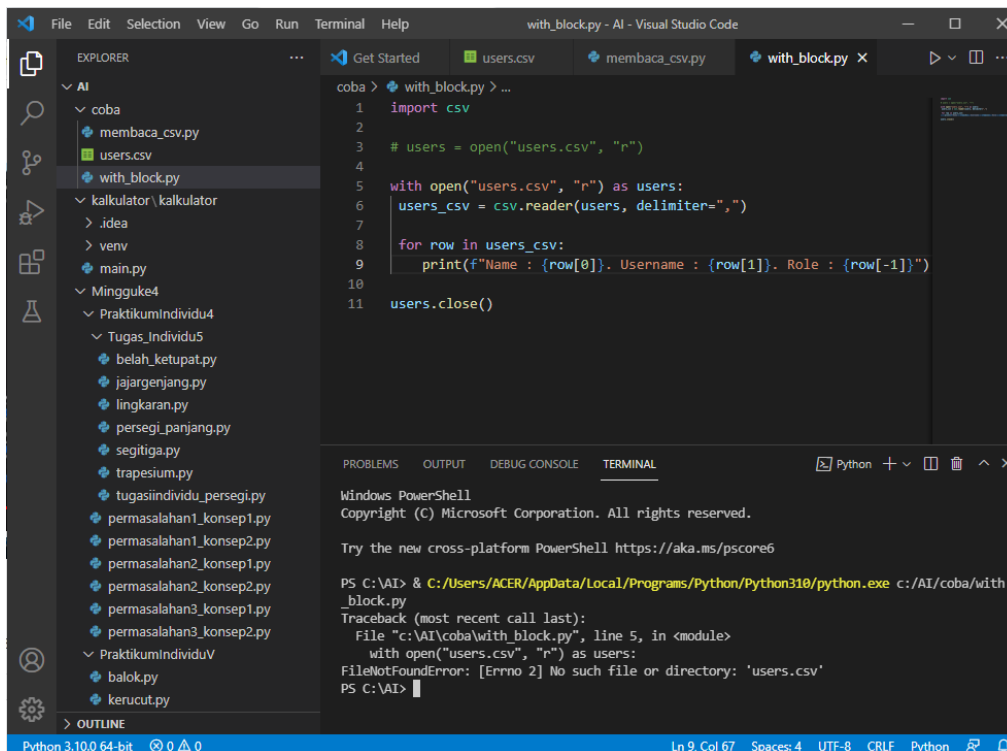


The screenshot shows the Visual Studio Code interface with a file explorer on the left and a code editor on the right. The file explorer shows a project structure with a folder named 'coba' containing a file 'membaca_csv.py'. The code editor shows the content of 'membaca_csv.py' with the following code:

```
coba > membaca_csv.py > ...
1 import csv
2
3 users = open("users.csv", "r")
4
5 users_csv = csv.reader(users, delimiter=",")
6
7 print(users_csv)
8
9 users.close()
```

The status bar at the bottom indicates 'Python 3.10.0 64-bit' and 'Ln 9, Col 13 Spaces: 4 UTF-8 CRLF Python'.

2. With Block



The screenshot shows the Visual Studio Code interface with a file explorer on the left and a code editor on the right. The file explorer shows a project structure with a folder named 'coba' containing a file 'with_block.py'. The code editor shows the content of 'with_block.py' with the following code:

```
coba > with_block.py > ...
1 import csv
2
3 # users = open("users.csv", "r")
4
5 with open("users.csv", "r") as users:
6     users_csv = csv.reader(users, delimiter=",")
7
8     for row in users_csv:
9         print(f"Name : {row[0]}. Username : {row[1]}. Role : {row[-1]}")
10
11 users.close()
```

The status bar at the bottom indicates 'Python 3.10.0 64-bit' and 'Ln 9, Col 67 Spaces: 4 UTF-8 CRLF Python'.

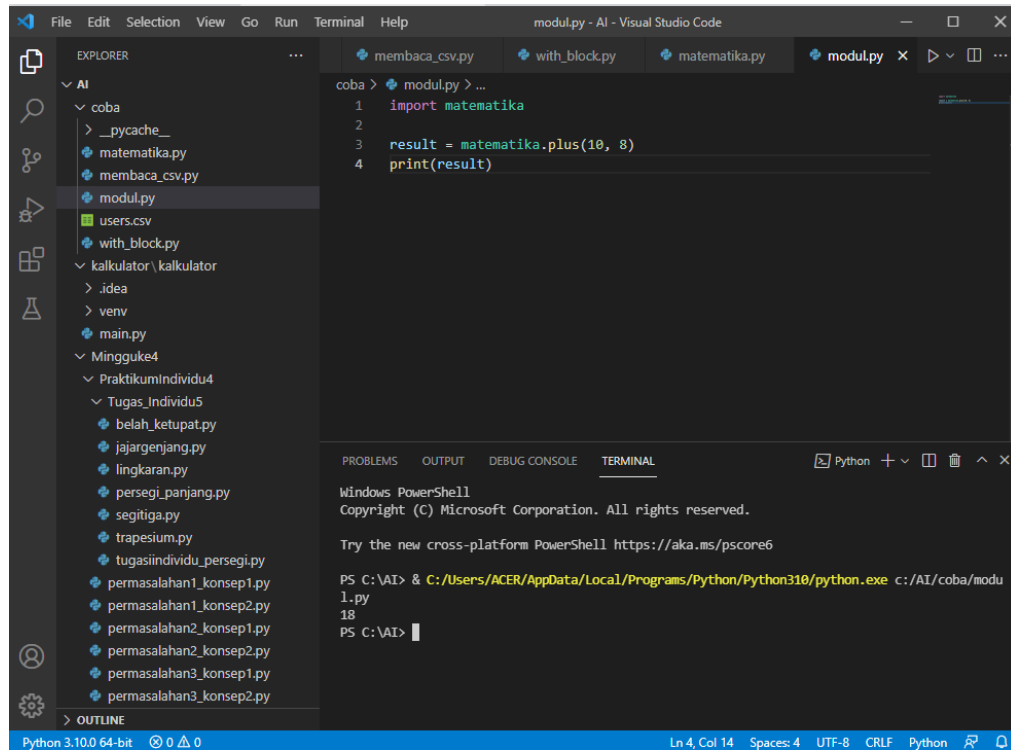
The terminal window at the bottom shows the following output:

```
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\AI> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe c:/AI/coba/with_block.py
Traceback (most recent call last):
  File "c:/AI/coba/with_block.py", line 5, in <module>
    with open("users.csv", "r") as users:
FileNotFoundError: [Errno 2] No such file or directory: 'users.csv'
PS C:\AI>
```

3. Module



The screenshot shows the Visual Studio Code interface with a file explorer on the left and a code editor on the right. The file explorer shows a project structure with a folder named 'coba' containing files like 'matematika.py', 'membaca_csv.py', and 'modul.py'. The code editor shows the 'modul.py' file with the following code:

```
coba > modul.py > ...
1 import matematika
2
3 result = matematika.plus(10, 8)
4 print(result)
```

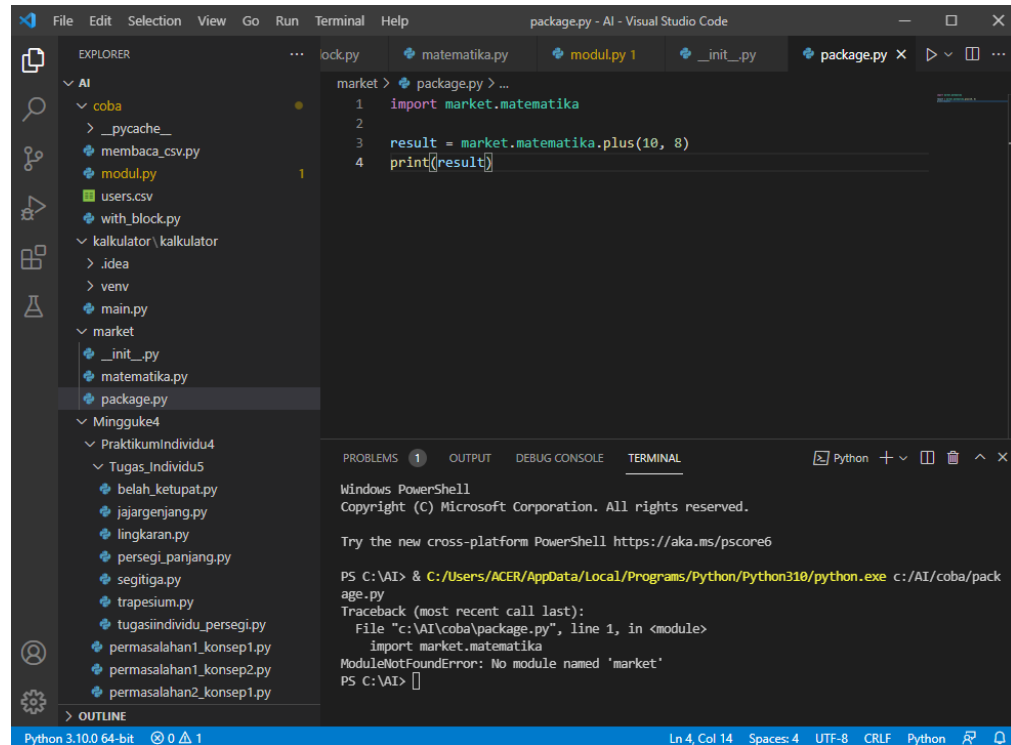
The terminal at the bottom shows the command prompt output:

```
Windows PowerShell
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PS C:\AI> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe c:/AI/coba/modul.py
18
PS C:\AI>
```

4. Package



The screenshot shows the Visual Studio Code interface with a file explorer on the left and a code editor on the right. The file explorer shows a project structure with a folder named 'coba' containing files like 'matematika.py', 'membaca_csv.py', and 'modul.py'. The code editor shows the 'package.py' file with the following code:

```
market > package.py > ...
1 import market.matematika
2
3 result = market.matematika.plus(10, 8)
4 print(result)
```

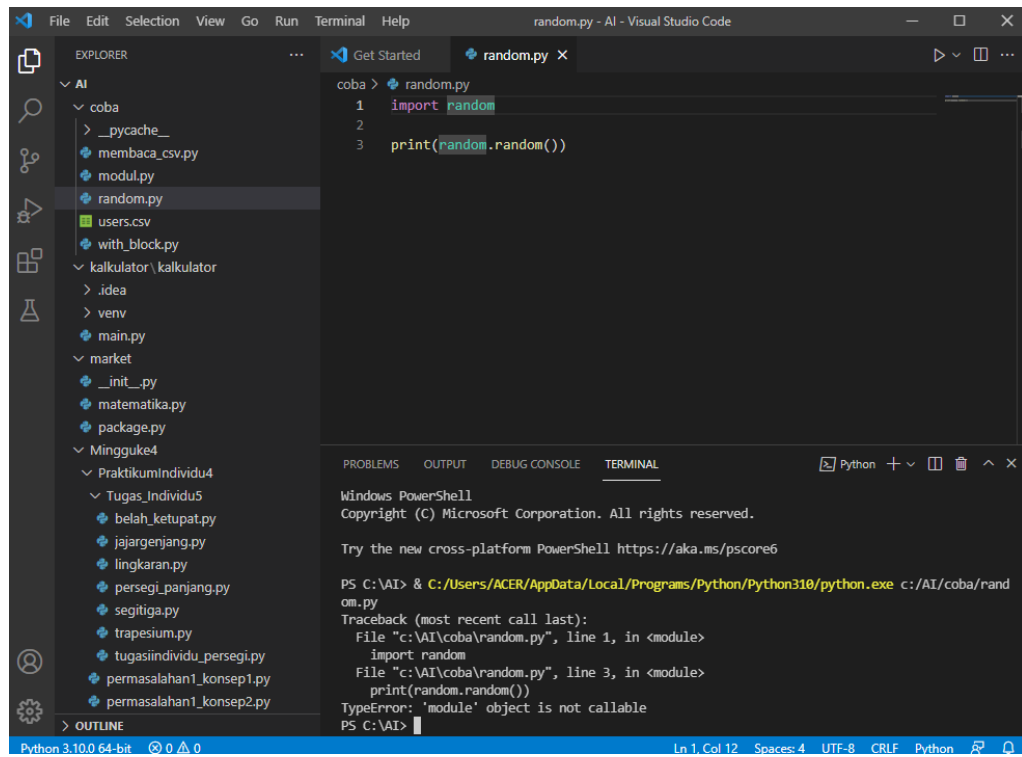
The terminal at the bottom shows the command prompt output:

```
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\AI> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe c:/AI/coba/package.py
Traceback (most recent call last):
  File "c:\AI\coba\package.py", line 1, in <module>
    import market.matematika
ModuleNotFoundError: No module named 'market'
PS C:\AI>
```

5. Random



The screenshot shows the Visual Studio Code interface with a file explorer on the left, a code editor in the center, and a terminal at the bottom. The file explorer shows a project structure with folders 'AI', 'kalkulator', 'market', and 'Mingguke4'. The 'AI' folder contains a subfolder 'coba' with files like 'random.py', 'users.csv', and 'with_block.py'. The 'coba' folder is selected, and 'random.py' is open in the editor. The code in 'random.py' is:

```
1 import random
2
3 print(random.random())
```

The terminal at the bottom shows the command prompt output for running the script. It displays the Windows PowerShell prompt, the command to run the script, and the resulting error message:

```
PS C:\AI> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe c:/AI/coba/random.py
Traceback (most recent call last):
  File "c:\AI\coba\random.py", line 1, in <module>
    import random
  File "c:\AI\coba\random.py", line 3, in <module>
    print(random.random())
TypeError: 'module' object is not callable
PS C:\AI>
```

The status bar at the bottom indicates the Python version is 3.10.0 64-bit, the file encoding is UTF-8, and the line/col is 1, 12.