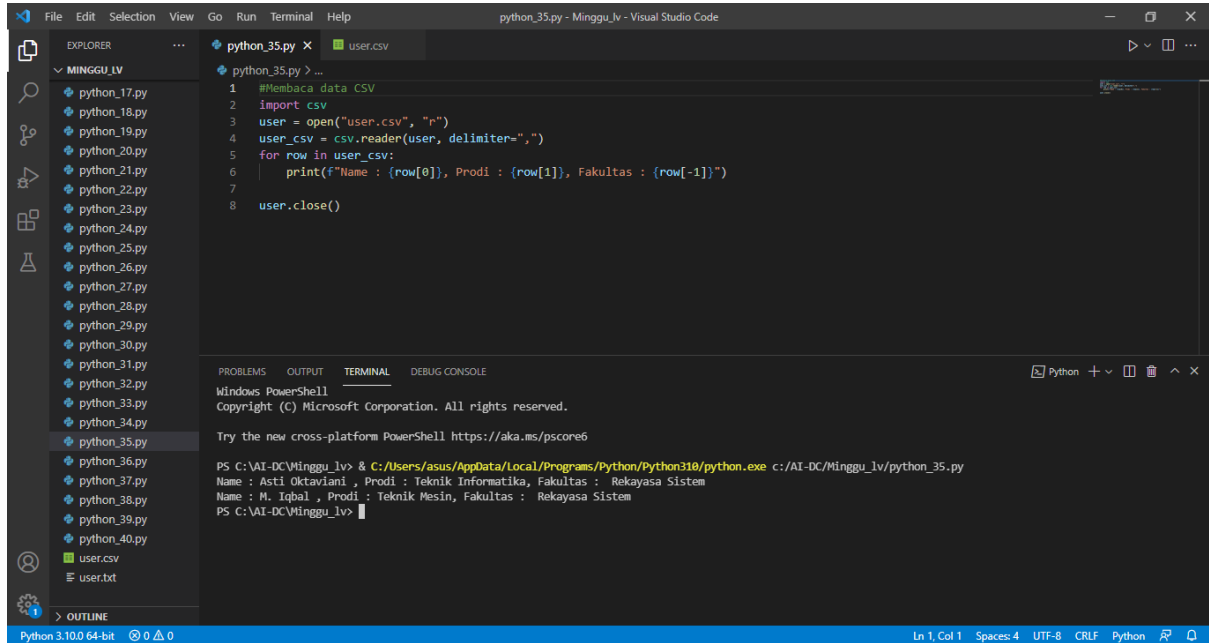


Praktikum Pemrograman Python

Membaca CSV



The screenshot shows the Visual Studio Code interface with a Python script named `python_35.py` open. The script reads a CSV file named `user.csv` and prints the first row. The Explorer sidebar shows a folder named `MINGGU_IV` containing several Python files and two CSV files, `user.csv` and `user.txt`. The Terminal window shows the command prompt output of running the script.

```
python_35.py > ...
1 #Membaca data CSV
2 import csv
3 user = open("user.csv", "r")
4 user_csv = csv.reader(user, delimiter=",")
5 for row in user_csv:
6     print(f"Name : {row[0]}, Prodi : {row[1]}, Fakultas : {row[-1]}")
7
8 user.close()
```

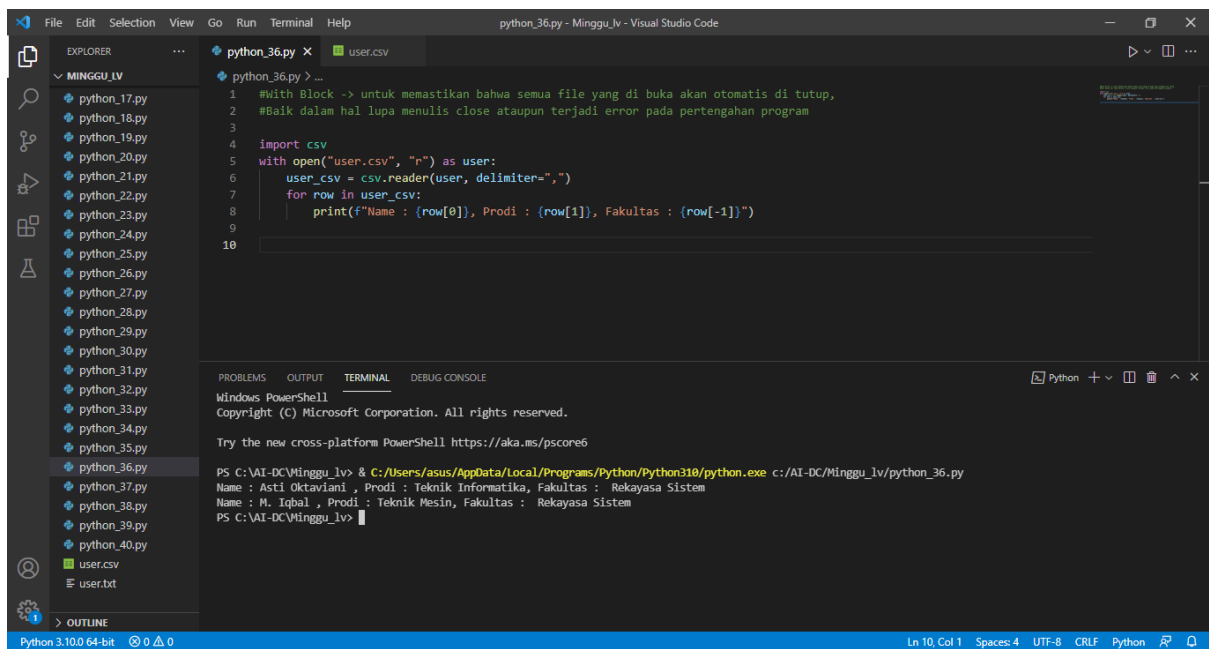
Terminal Output:

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

PS C:\AI-DC\Minggu_liv> & C:/Users/asus/AppData/Local/Programs/Python/Python310/python.exe c:/AI-DC/Minggu_liv/python_35.py
Name : Asti Oktaviani , Prodi : Teknik Informatika, Fakultas : Rekayasa Sistem
Name : M. Iqbal , Prodi : Teknik Mesin, Fakultas : Rekayasa Sistem
PS C:\AI-DC\Minggu_liv>
```

With Block



The screenshot shows the Visual Studio Code interface with a Python script named `python_36.py` open. The script reads a CSV file named `user.csv` and prints the first row, using a `with` block to ensure the file is properly closed. The Explorer sidebar shows the same folder structure as the previous screenshot. The Terminal window shows the command prompt output of running the script.

```
python_36.py > ...
1 #With Block -> untuk memastikan bahwa semua file yang di buka akan otomatis di tutup,
2 #Baik dalam hal lupa menulis close ataupun terjadi error pada pertengahan program
3
4 import csv
5 with open("user.csv", "r") as user:
6     user_csv = csv.reader(user, delimiter=",")
7     for row in user_csv:
8         print(f"Name : {row[0]}, Prodi : {row[1]}, Fakultas : {row[-1]}")
9
10
```

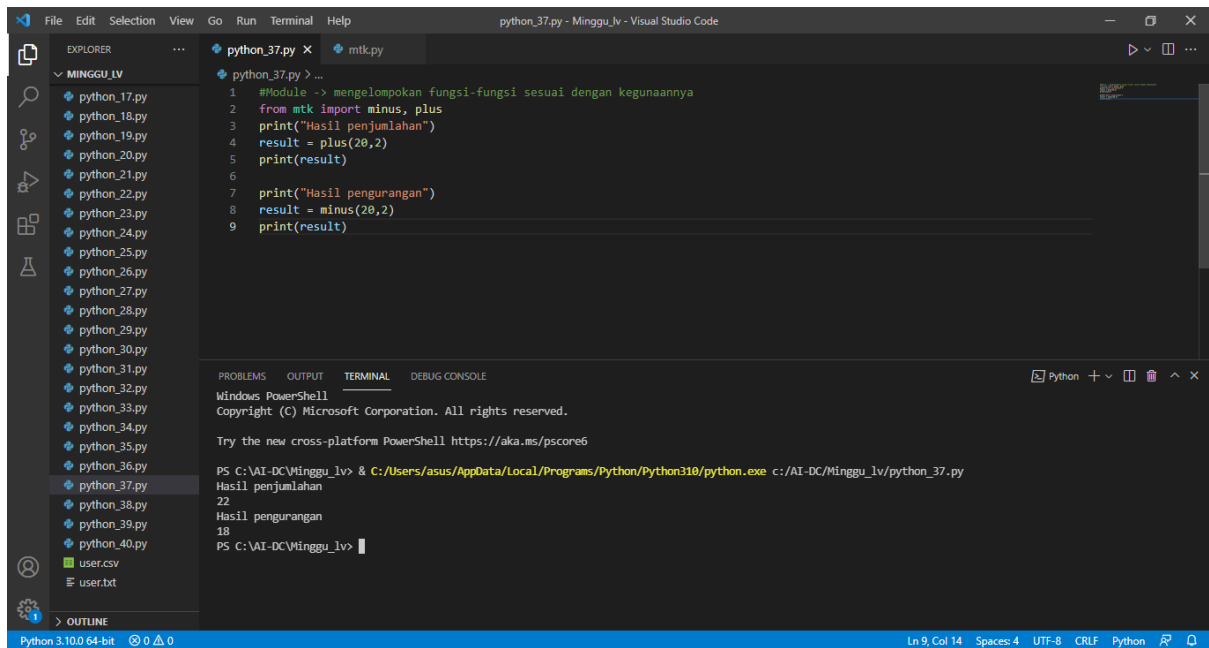
Terminal Output:

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

PS C:\AI-DC\Minggu_liv> & C:/Users/asus/AppData/Local/Programs/Python/Python310/python.exe c:/AI-DC/Minggu_liv/python_36.py
Name : Asti Oktaviani , Prodi : Teknik Informatika, Fakultas : Rekayasa Sistem
Name : M. Iqbal , Prodi : Teknik Mesin, Fakultas : Rekayasa Sistem
PS C:\AI-DC\Minggu_liv>
```

Module



The screenshot shows the Visual Studio Code interface with a file explorer on the left displaying a directory named 'MINGGU_IV' containing various Python files. The main editor window shows a file named 'python_37.py' with the following code:

```
1 #Module -> mengelompokan fungsi-fungsi sesuai dengan kegunaannya
2 from mtk import minus, plus
3 print("Hasil penjumlahan")
4 result = plus(20,2)
5 print(result)
6
7 print("Hasil pengurangan")
8 result = minus(20,2)
9 print(result)
```

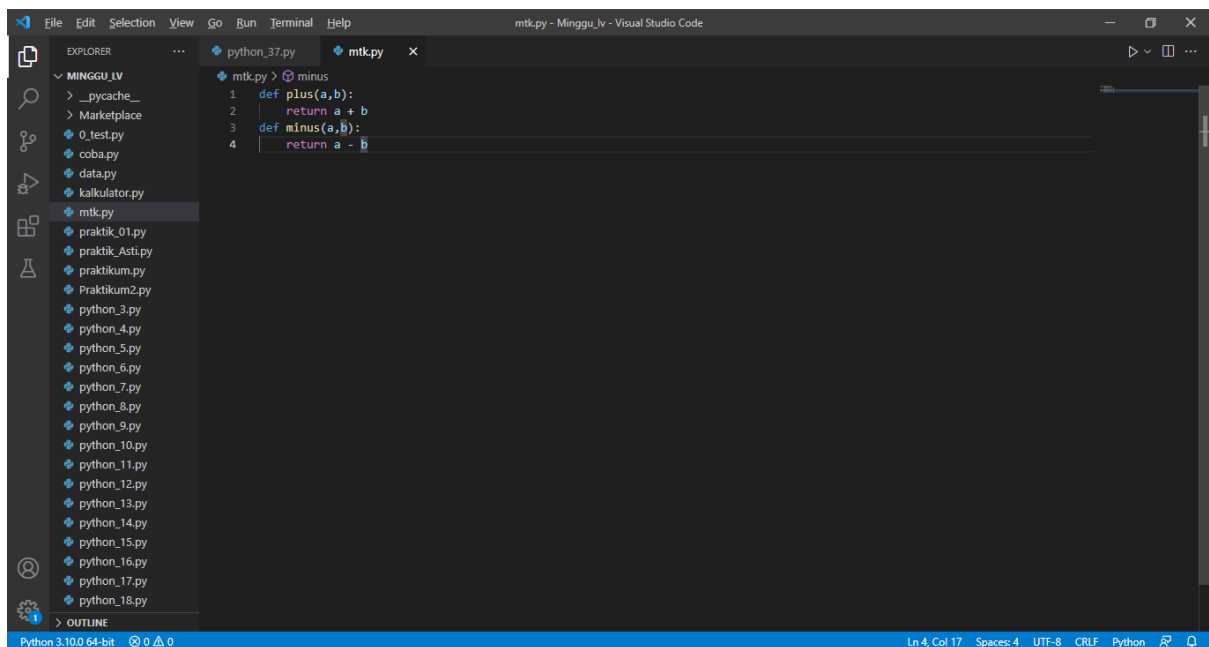
The bottom panel shows the terminal output:

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

PS C:\AI-DC\Minggu_iv> & C:/Users/asus/AppData/Local/Programs/Python/Python310/python.exe c:/AI-DC/Minggu_iv/python_37.py
Hasil penjumlahan
22
Hasil pengurangan
18
PS C:\AI-DC\Minggu_iv>
```

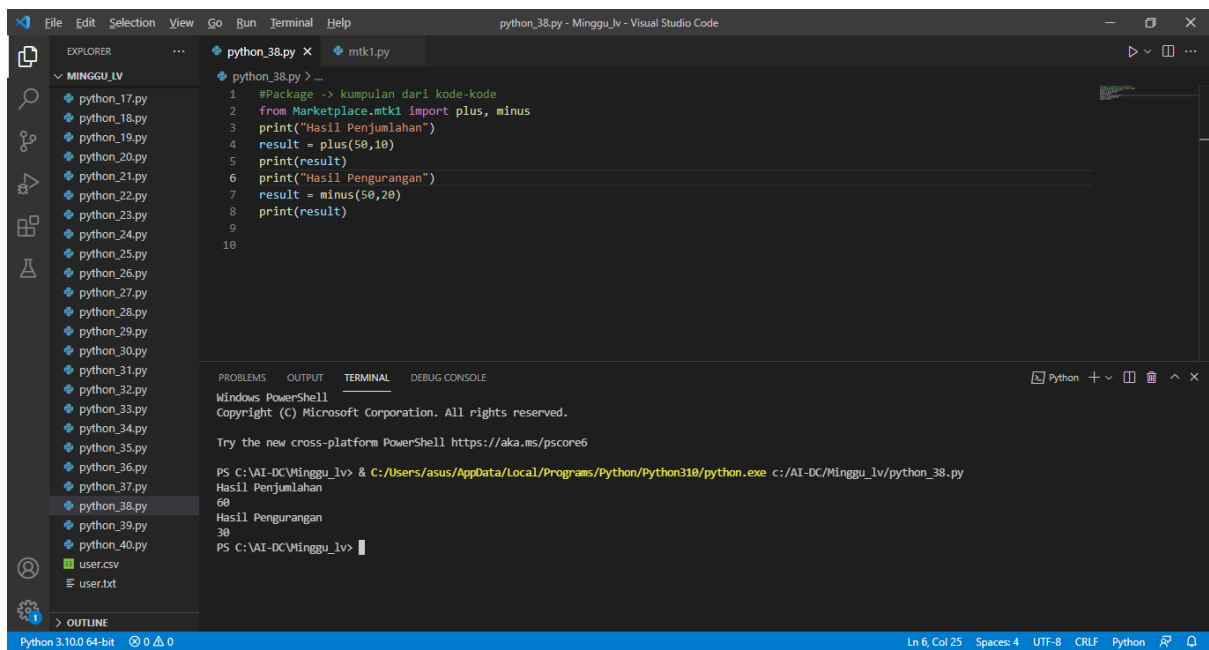
Isi Dari File Mtk Pada Tema Module:



The screenshot shows the Visual Studio Code interface with the file explorer on the left displaying a directory named 'MINGGU_IV' containing various Python files. The main editor window shows a file named 'mtk.py' with the following code:

```
1 def plus(a,b):
2     return a + b
3
4 def minus(a,b):
5     return a - b
```

Package



The screenshot shows the Visual Studio Code interface with a file explorer on the left containing a directory named 'MINGGU_IV' with various Python files. The main editor displays 'python_38.py' with the following code:

```
1 #Package -> kumpulan dari kode-kode
2 from Marketplace.mtk1 import plus, minus
3 print("Hasil Penjumlahan")
4 result = plus(50,10)
5 print(result)
6 print("Hasil Pengurangan")
7 result = minus(50,20)
8 print(result)
9
10
```

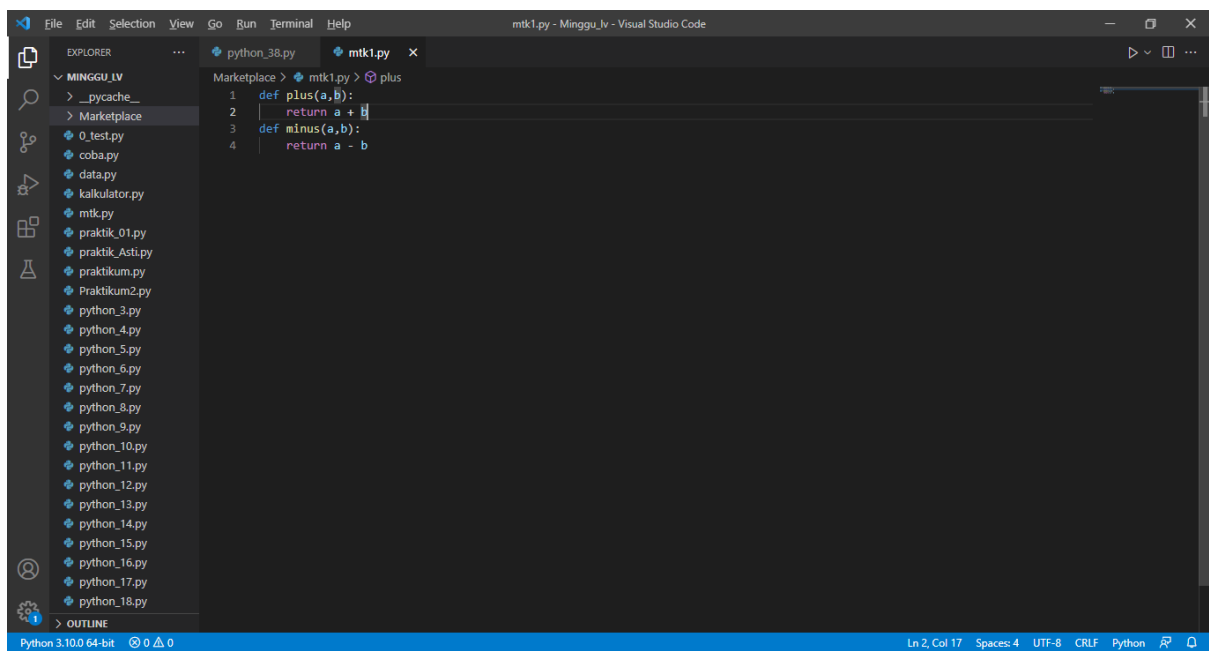
The bottom panel shows the 'TERMINAL' tab with the following output:

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

PS C:\AI-DC\Minggu_iv> & C:/Users/asus/AppData/Local/Programs/Python/Python310/python.exe c:/AI-DC/Minggu_iv/python_38.py
Hasil Penjumlahan
60
Hasil Pengurangan
30
PS C:\AI-DC\Minggu_iv>
```

Isi Dari File Mtk1 Pada Tema Package:



The screenshot shows the Visual Studio Code interface with the file explorer on the left displaying a directory named 'MINGGU_IV' containing various Python files. The main editor displays 'mtk1.py' with the following code:

```
1 def plus(a,b):
2     return a + b
3 def minus(a,b):
4     return a - b
```

Random

PIP dan Virtualenv

[illegible]

Untuk Materi Selanjutnya ialah Pembahasan Tentang (OOP) Object Oriented Programming.