

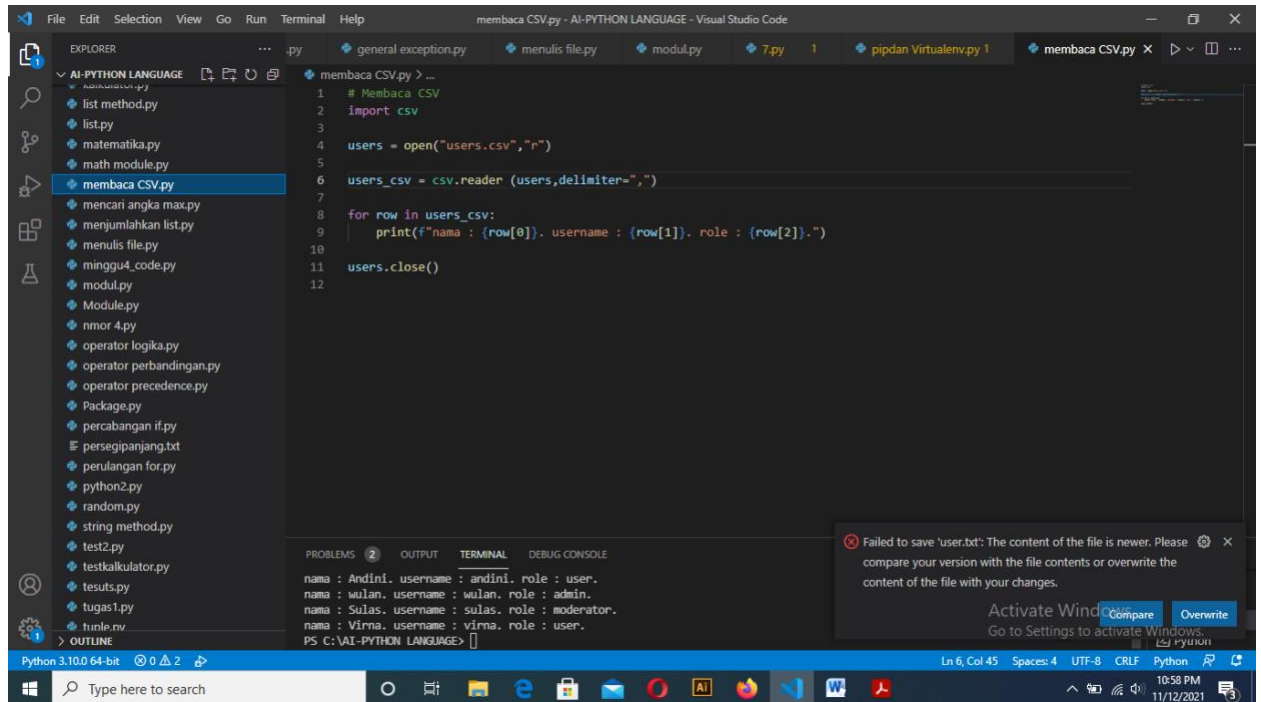
Nama : virna febri andini

NIM : 20.01.013.017

Kelas : AI/3B

TUGAS :

1. Membaca CSV



The screenshot shows the Visual Studio Code interface with a Python file named 'membaca CSV.py' open. The file contains the following code:

```
1 # Membaca CSV
2 import csv
3
4 users = open("users.csv", "r")
5
6 users_csv = csv.reader(users, delimiter=",")
7
8 for row in users_csv:
9     print(f"nama : {row[0]}. username : {row[1]}. role : {row[2]}")
10
11 users.close()
12
```

The Explorer sidebar on the left shows a list of files, including 'membaca CSV.py'. The Terminal panel at the bottom displays the output of the script:

```
nama : Andini. username : andini. role : user.
nama : wulan. username : wulan. role : admin.
nama : Sulas. username : sulas. role : moderator.
nama : Virna. username : virna. role : user.
PS C:\AI-PYTHON LANGUAGE>
```

A notification box in the bottom right corner indicates a failed save operation for 'user.txt' and prompts the user to activate Windows.

2. With Block

The screenshot shows the Visual Studio Code interface with a Python file named 'With Block.py'. The code uses the 'with' statement to open and read a CSV file named 'users.csv'. The output in the terminal shows the usernames and roles of three users: Andini, wulan, and Virna.

```
1 # With Block
2 # disini jika menggunakan with blok tidak perlu diclose diakhir program,intinya
3 # mempermudah membaca file csv hasil akan sama dengan soal membaca csv
4 print("\n\n")
5 import csv
6 #users = open("users.csv","r")
7 with open("users.csv","r") as users :
8     userscsv = csv.reader (users,delimiter=",")
9     for row in userscsv :
10         print(f"nama : {row[0]}. username : {row[1]}. role : {row[2]}.")
```

Terminal Output:

```
nama : Andini. username : andini. role : user.
nama : wulan. username : wulan. role : admin.
nama : Sulas. username : sulas. role : moderator.
nama : Virna. username : virna. role : user.
```

3. Module

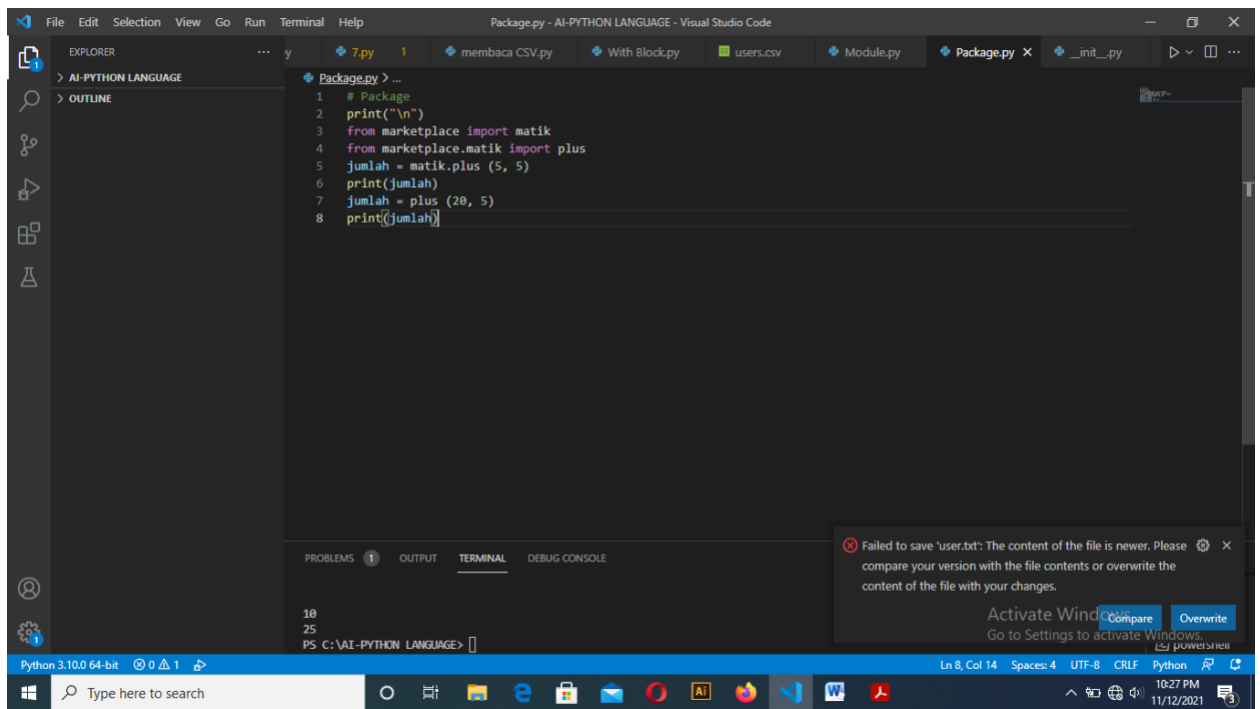
The screenshot shows the Visual Studio Code interface with a Python file named 'Module.py'. The code imports a module named 'modul' and uses its 'plus' function to calculate the sum of two numbers. The output in the terminal shows the result of the calculations: 10 and 20.

```
1 # Module
2 print("\n\n")
3 import modul
4 from modul import plus
5 jumlah = modul.plus (5, 5)
6 print(jumlah)
7 jumlah = plus(10,10)
8 print(jumlah)
```

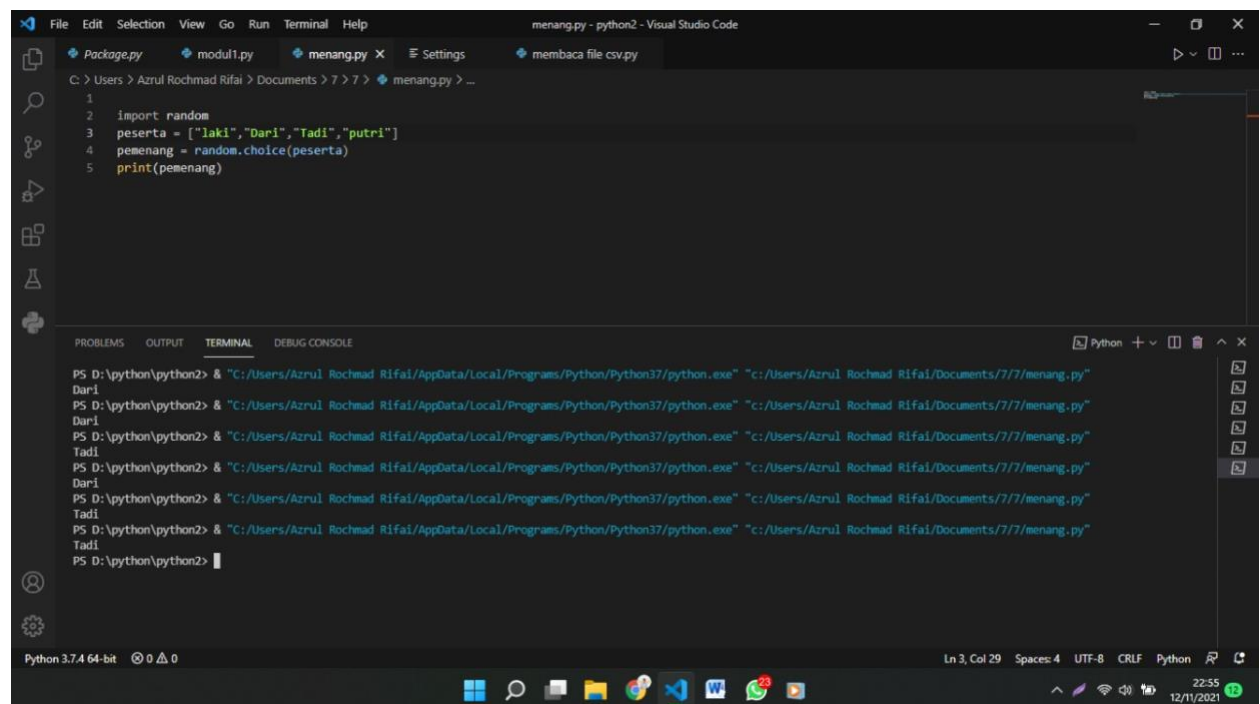
Terminal Output:

```
10
20
```

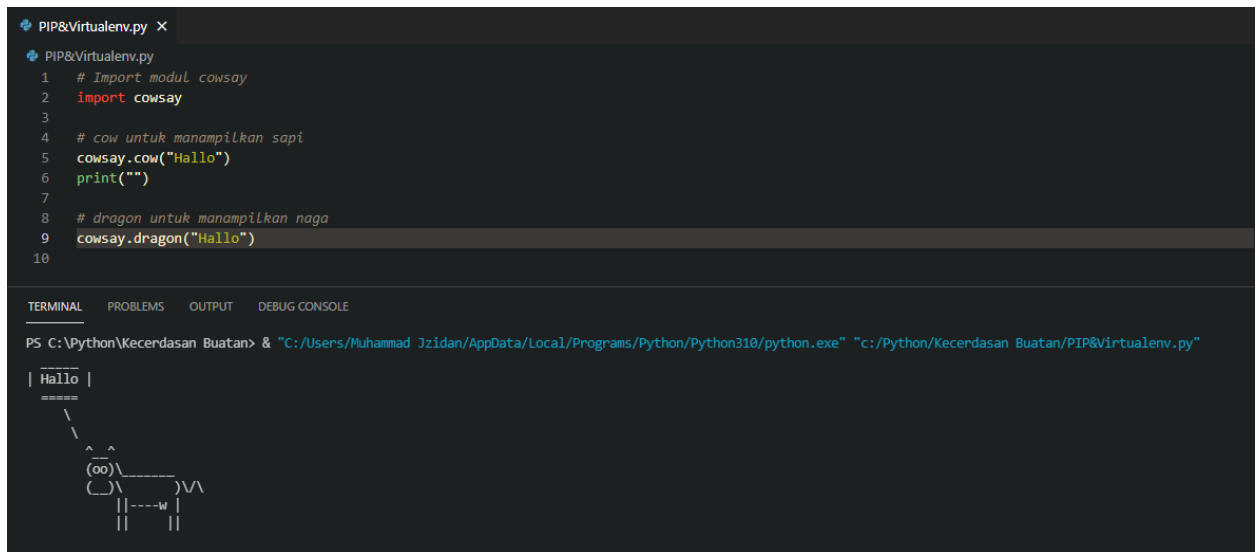
4. Package



5. Random



6. PIP dan Virtualenv



```
PIP&Virtualenv.py X
PIP&Virtualenv.py
1 # Import modul cowsay
2 import cowsay
3
4 # cow untuk menampilkan sapi
5 cowsay.cow("Hallo")
6 print("")
7
8 # dragon untuk menampilkan naga
9 cowsay.dragon("Hallo")
10
```

TERMINAL PROBLEMS OUTPUT DEBUG CONSOLE

PS C:\Python\Kecerdasan Buatan> "C:/Users/Muhammad Jzidan/AppData/Local/Programs/Python/Python310/python.exe" "c:/Python/Kecerdasan Buatan/PIP&Virtualenv.py"

```
| Hallo |
=====
      /\
     ^  ^
    (oo)\_____.
    (__)\       )\/\
       ||----w |
       ||     ||
```

7. Meteriselanjutnya