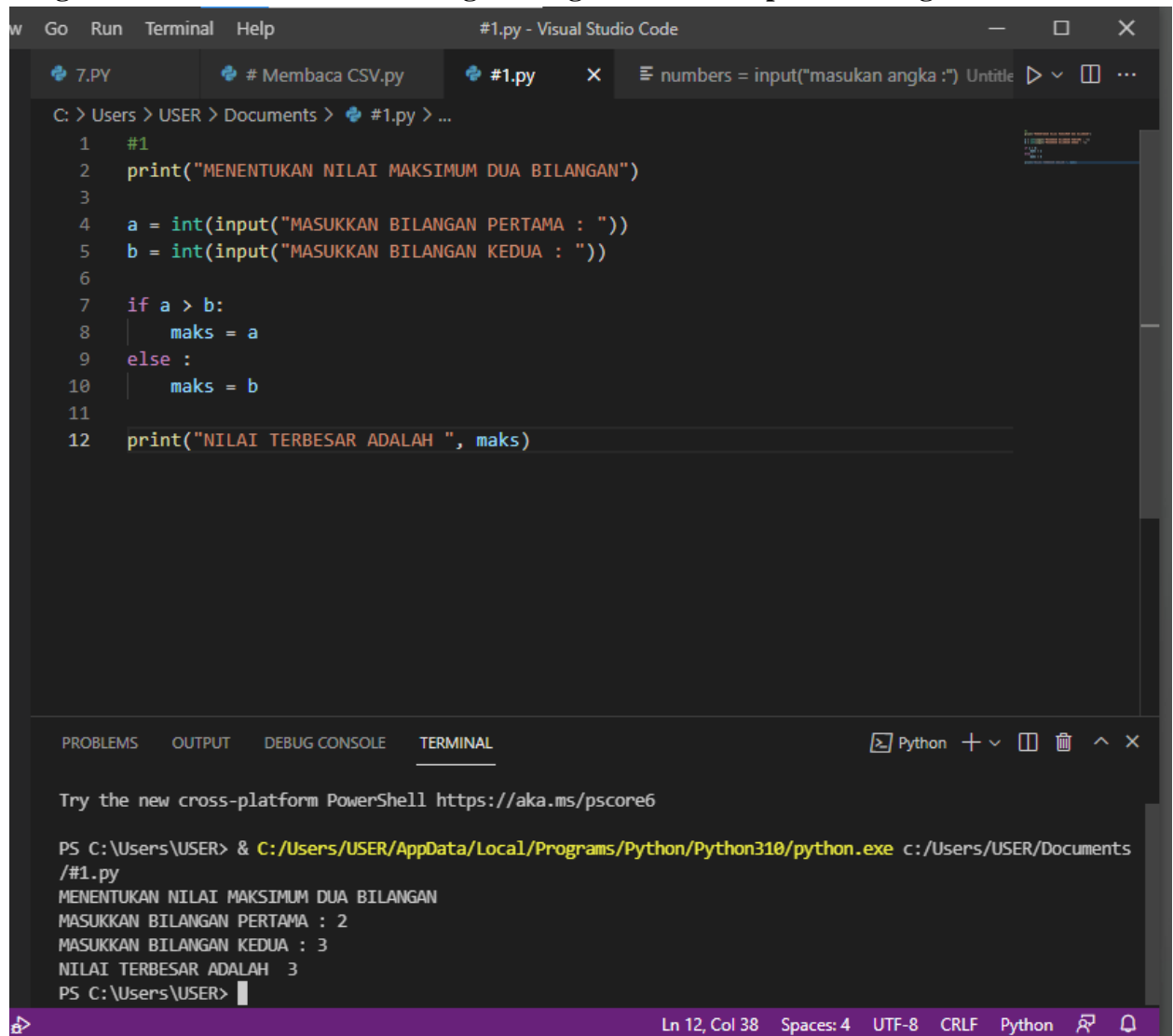


Nama : Sulastri
NIM : 20.01.013.015
Kelas : AI-3B

2-Tugas-Praktikum

1. Program Menerima dua buah bilangan Integer dan menampilkan bilangan terbesar



```
#1
print("MENENTUKAN NILAI MAKSIMUM DUA BILANGAN")

a = int(input("MASUKKAN BILANGAN PERTAMA : "))
b = int(input("MASUKKAN BILANGAN KEDUA : "))

if a > b:
    maks = a
else:
    maks = b

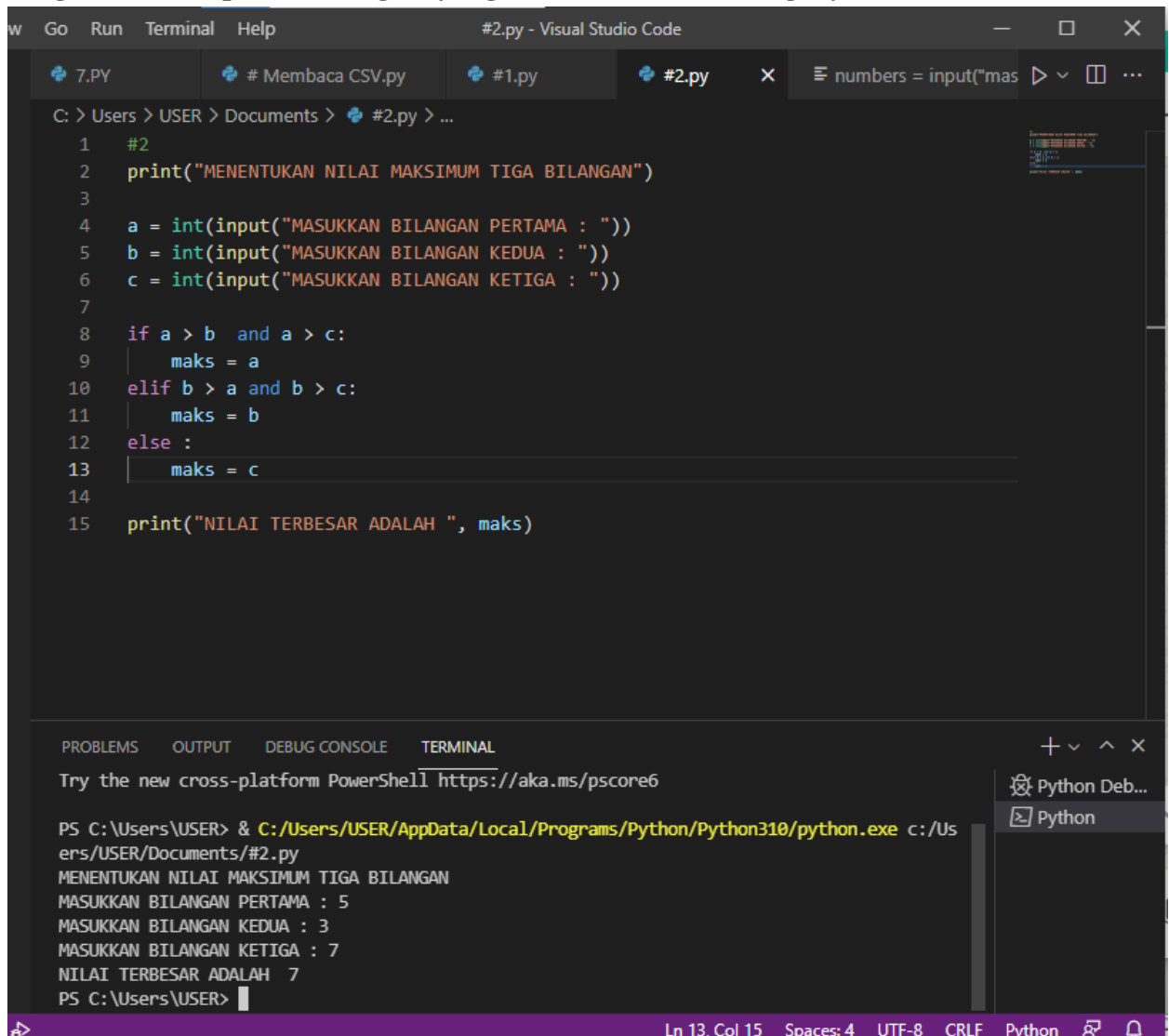
print("NILAI TERBESAR ADALAH ", maks)
```

Try the new cross-platform PowerShell <https://aka.ms/pscore6>

```
PS C:\Users\USER> & C:/Users/USER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/USER/Documents/#1.py
MENENTUKAN NILAI MAKSIMUM DUA BILANGAN
MASUKKAN BILANGAN PERTAMA : 2
MASUKKAN BILANGAN KEDUA : 3
NILAI TERBESAR ADALAH 3
PS C:\Users\USER>
```

Ln 12, Col 38 Spaces: 4 UTF-8 CRLF Python

2. Program menampilkan bilangan yang terbesar diantara ketiganya



The image shows a Visual Studio Code window with a Python file named `#2.py` open. The code is a Python script that prompts the user to enter three numbers and then prints the largest of them. The script is as follows:

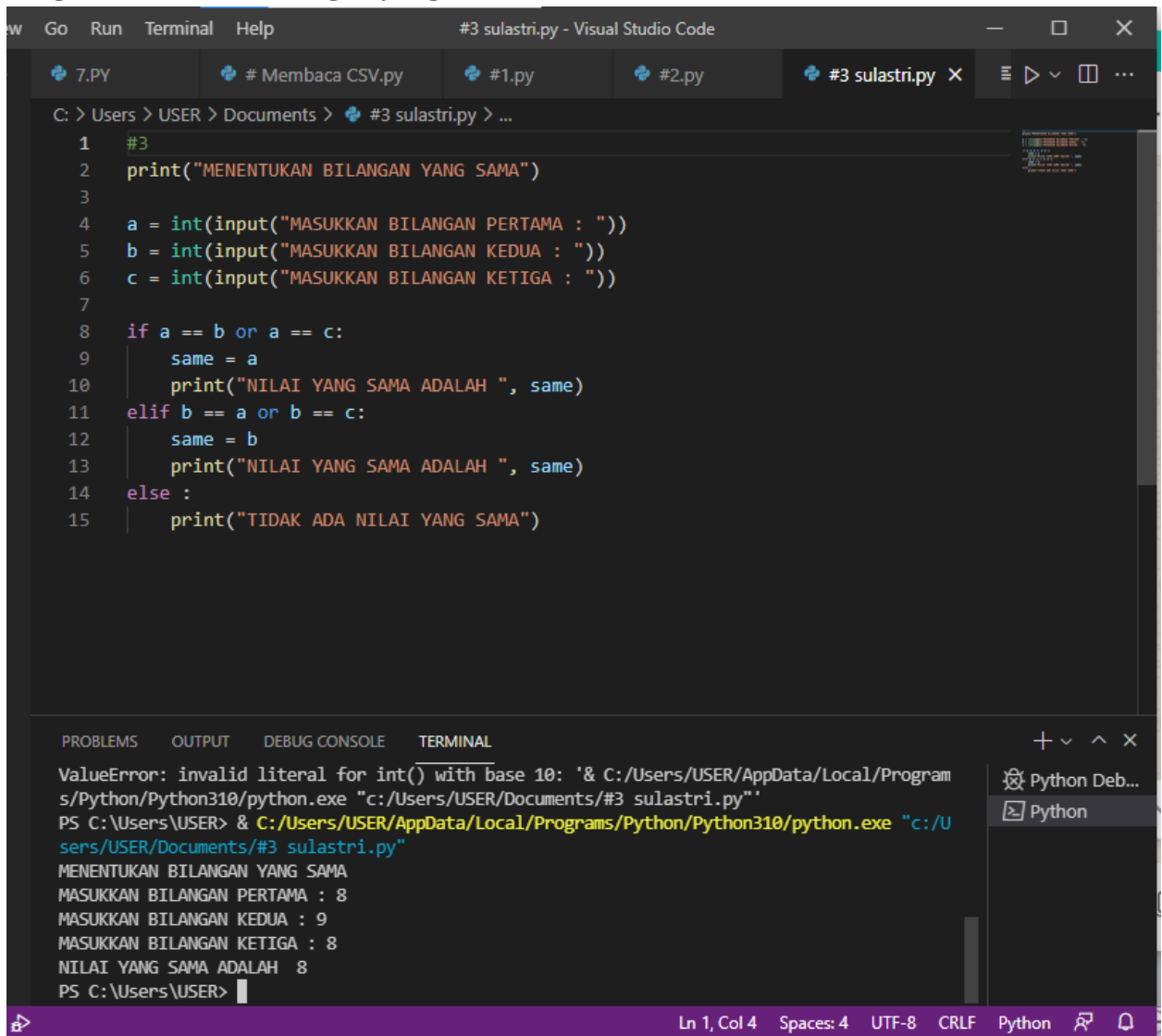
```
1 #2
2 print("MENENTUKAN NILAI MAKSIMUM TIGA BILANGAN")
3
4 a = int(input("MASUKKAN BILANGAN PERTAMA : "))
5 b = int(input("MASUKKAN BILANGAN KEDUA : "))
6 c = int(input("MASUKKAN BILANGAN KETIGA : "))
7
8 if a > b and a > c:
9     maks = a
10 elif b > a and b > c:
11     maks = b
12 else :
13     maks = c
14
15 print("NILAI TERBESAR ADALAH ", maks)
```

Below the code editor, the `TERMINAL` panel is active, showing the output of the script. The prompt is `PS C:\Users\USER>`. The command executed is `& C:/Users/USER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/USER/Documents/#2.py`. The output is:

```
PS C:\Users\USER> & C:/Users/USER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/USER/Documents/#2.py
MENENTUKAN NILAI MAKSIMUM TIGA BILANGAN
MASUKKAN BILANGAN PERTAMA : 5
MASUKKAN BILANGAN KEDUA : 3
MASUKKAN BILANGAN KETIGA : 7
NILAI TERBESAR ADALAH 7
PS C:\Users\USER>
```

The status bar at the bottom indicates the current line and column: `Ln 13, Col 15`, with other details like `Spaces: 4`, `UTF-8`, `CRLF`, and `Python`.

3. Program menerima bilangan yang sama

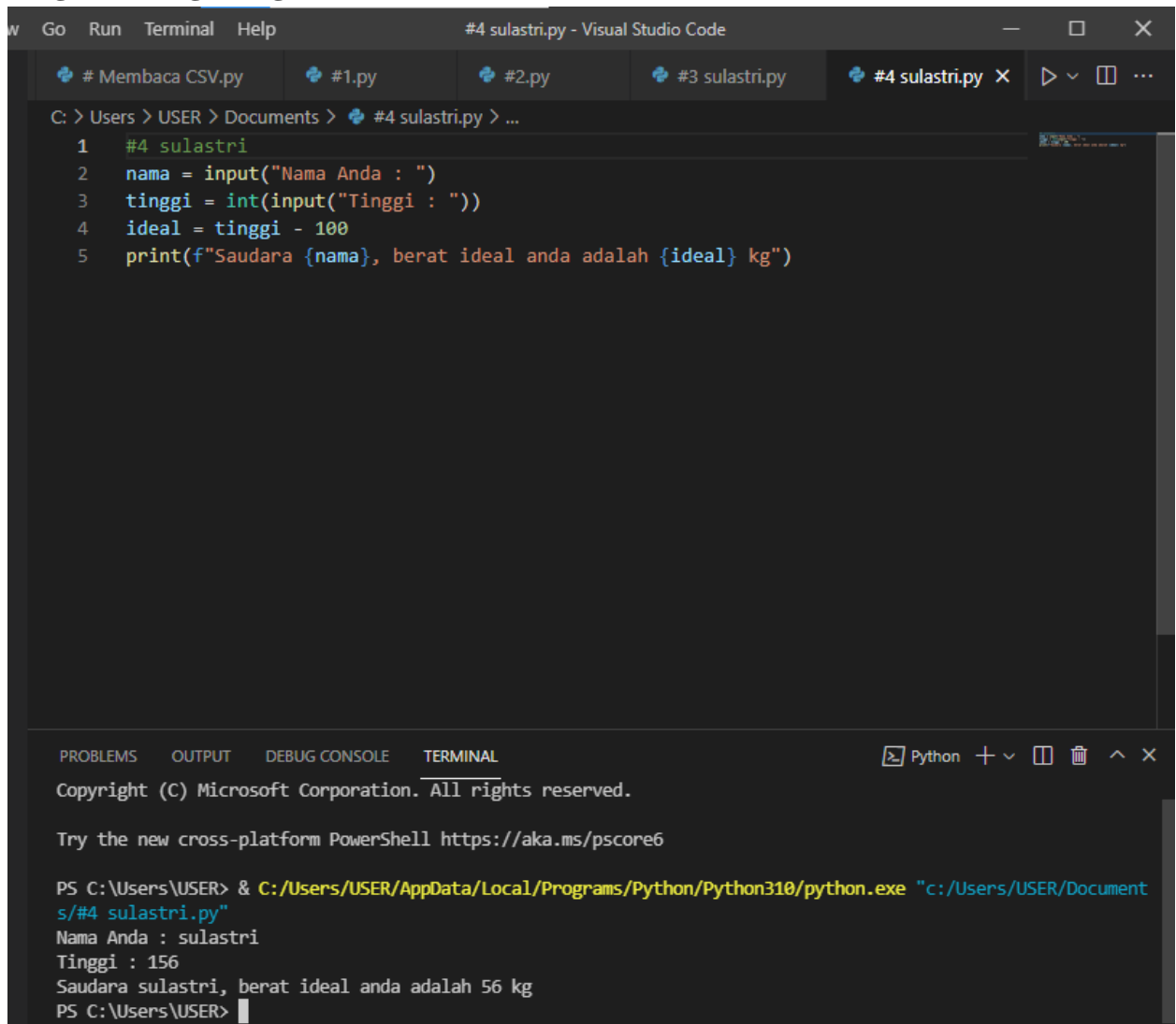


The image shows a screenshot of the Visual Studio Code editor. The top panel displays the file explorer with several files: 7.PY, # Membaca CSV.py, #1.py, #2.py, and #3 sulastr.py. The #3 sulastr.py file is open in the editor. The code in the file is as follows:

```
1 #3
2 print("MENENTUKAN BILANGAN YANG SAMA")
3
4 a = int(input("MASUKKAN BILANGAN PERTAMA : "))
5 b = int(input("MASUKKAN BILANGAN KEDUA : "))
6 c = int(input("MASUKKAN BILANGAN KETIGA : "))
7
8 if a == b or a == c:
9     same = a
10    print("NILAI YANG SAMA ADALAH ", same)
11 elif b == a or b == c:
12     same = b
13    print("NILAI YANG SAMA ADALAH ", same)
14 else :
15    print("TIDAK ADA NILAI YANG SAMA")
```

The bottom panel shows the TERMINAL output. It starts with an error message: "ValueError: invalid literal for int() with base 10: '& C:/Users/USER/AppData/Local/Programs/Python/Python310/python.exe "c:/Users/USER/Documents/#3 sulastr.py"'". This is followed by the command prompt showing the execution of the script: "PS C:\Users\USER> & C:/Users/USER/AppData/Local/Programs/Python/Python310/python.exe "c:/Users/USER/Documents/#3 sulastr.py"". The output of the script is: "MENENTUKAN BILANGAN YANG SAMA", "MASUKKAN BILANGAN PERTAMA : 8", "MASUKKAN BILANGAN KEDUA : 9", "MASUKKAN BILANGAN KETIGA : 8", "NILAI YANG SAMA ADALAH 8", and "PS C:\Users\USER>".

4. Program Menghitung Berat Badan Ideal



The image shows a Visual Studio Code window with a Python script named `#4 sulastri.py` open. The script calculates the ideal body weight based on height. Below the editor, the terminal shows the execution of the script, where the user inputs a name and height, and the program outputs the ideal weight.

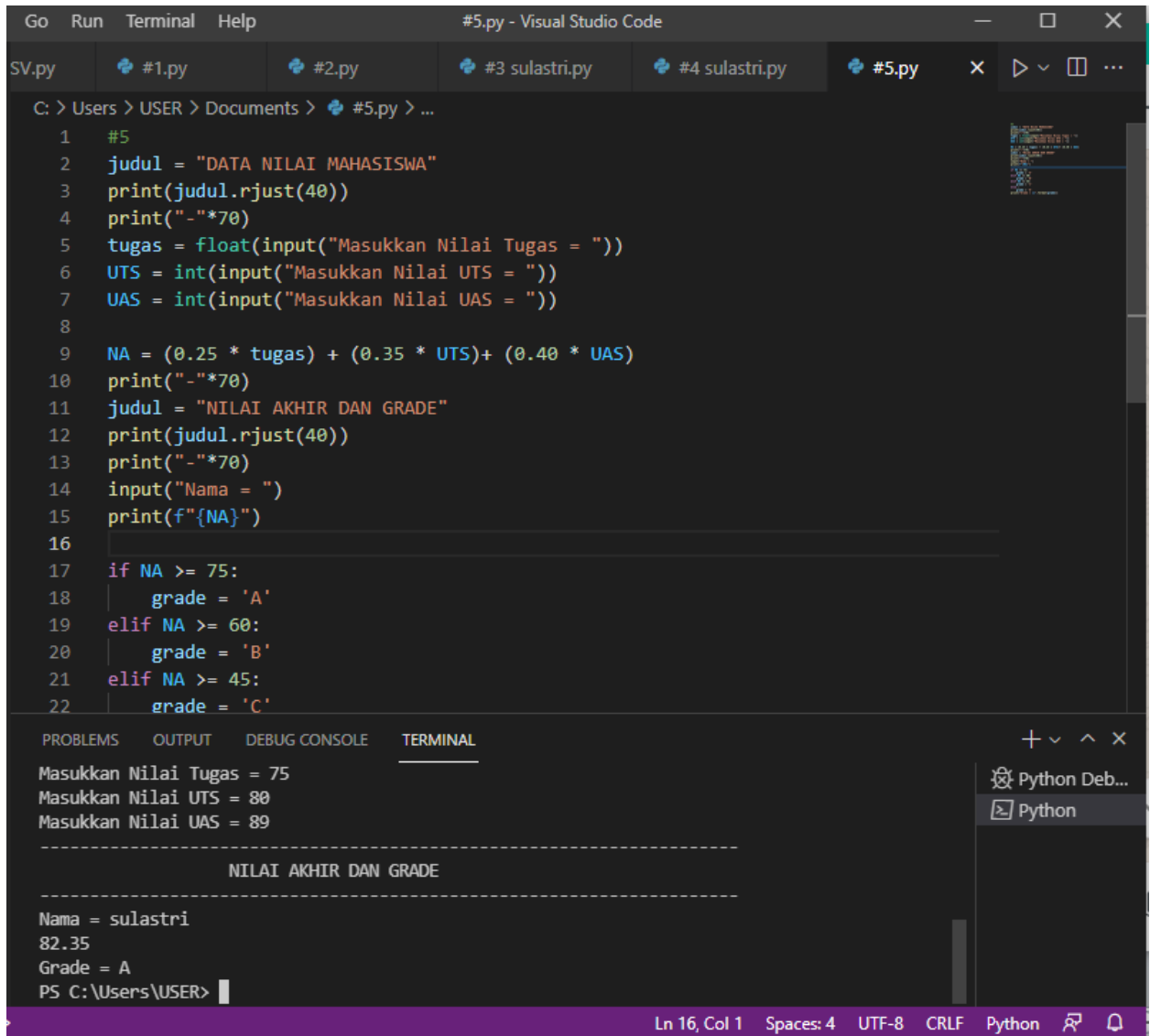
```
#4 sulastri
1  nama = input("Nama Anda : ")
2  tinggi = int(input("Tinggi : "))
3  ideal = tinggi - 100
4  print(f"Saudara {nama}, berat ideal anda adalah {ideal} kg")
```

Copyright (C) Microsoft Corporation. All rights reserved.

Try the new cross-platform PowerShell <https://aka.ms/pscore6>

```
PS C:\Users\USER> & C:/Users/USER/AppData/Local/Programs/Python/Python310/python.exe "c:/Users/USER/Document
s/#4 sulastri.py"
Nama Anda : sulastri
Tinggi : 156
Saudara sulastri, berat ideal anda adalah 56 kg
PS C:\Users\USER>
```

5. Program Menghitung Nilai Akhir dan Grade mata kuliah Pemrograman



```
Go Run Terminal Help #5.py - Visual Studio Code
SV.py #1.py #2.py #3 sulastri.py #4 sulastri.py #5.py x ▾ □ ...

C: > Users > USER > Documents > #5.py > ...
1 #5
2 judul = "DATA NILAI MAHASISWA"
3 print(judul.rjust(40))
4 print("-"*70)
5 tugas = float(input("Masukkan Nilai Tugas = "))
6 UTS = int(input("Masukkan Nilai UTS = "))
7 UAS = int(input("Masukkan Nilai UAS = "))
8
9 NA = (0.25 * tugas) + (0.35 * UTS) + (0.40 * UAS)
10 print("-"*70)
11 judul = "NILAI AKHIR DAN GRADE"
12 print(judul.rjust(40))
13 print("-"*70)
14 input("Nama = ")
15 print(f"{NA}")
16
17 if NA >= 75:
18     grade = 'A'
19 elif NA >= 60:
20     grade = 'B'
21 elif NA >= 45:
22     grade = 'C'

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
Masukkan Nilai Tugas = 75
Masukkan Nilai UTS = 80
Masukkan Nilai UAS = 89
-----
NILAI AKHIR DAN GRADE
-----
Nama = sulastri
82.35
Grade = A
PS C:\Users\USER>
```

Ln 16, Col 1 Spaces: 4 UTF-8 CRLF Python

6. Program Menghitung Gaji

```
File Edit Selection View Go Run Terminal Help
#6.py - Visual Studio Code
Membaca CSV.py #1.py #2.py #3 sulastri.py #4 sulastri.py #5.py #6.py x numbers = input("masukan angka :)") Untitled ▾ □ ...

C:\Users\USER\Documents> #6.py > ...
1 #6
2 while True:
3     judul = "DATA PEGAWAI"
4     print(judul.center(60))
5     print("-"*60)
6     nama = input("Nama          : ")
7     gol = input("Golongan       : ")
8     jm_krj = int(input("Total Jam Kerja : "))
9     print("-"*60)
10
11     judul = "PERHITUNGAN GAJI"
12     print(judul.center(60))
13     print("-"*60)
14     if gol != "A" and gol != "B" and gol != "C":
15         print("Golongan Tidak Ditemukan")
16         continue
17
18     if gol == "A":
19         gapok = 500000
20         tjk = gapok*(10/100)
21         if jm_krj >= 200:
22             lbr = jm_krj*5000
23         elif jm_krj < 200:
24             lbr = 0
25         else:
26             print("-")
27             print(f"Gaji Pokok      : Rp. {gapok}")
28             print(f"Tunjangan      : Rp. {tjk}")
29             print(f"Uang Lembur     : Rp. {lbr}")
30
31     elif gol == "B":
32         gapok = 700000
33         tjk = gapok*(15/100)
```

```
e Edit Selection View Go Run Terminal Help
#6.py - Visual Studio Code
Membaca CSV.py #1.py #2.py #3 sulastri.py #4 sulastri.py #5.py #6.py x numbers = input("masukan angka :)") Untitled ▾ □ ...

C:\Users\USER\Documents> #6.py > ...
30
31     elif gol == "B":
32         gapok = 700000
33         tjk = gapok*(15/100)
34         if jm_krj >= 200:
35             lbr = jm_krj*7500
36         elif jm_krj < 200:
37             lbr = 0
38         else:
39             print("-")
40             print(f"Gaji Pokok      : Rp. {gapok}")
41             print(f"Tunjangan      : Rp. {tjk}")
42             print(f"Uang Lembur     : Rp. {lbr}")
43
44     elif gol == "C":
45         gapok = 900000
46         tjk = gapok*(20/100)
47         if jm_krj >= 200:
48             lbr = jm_krj*10000
49         elif jm_krj < 200:
50             lbr = 0
51         else:
52             print("-")
53             print(f"Gaji Pokok      : Rp. {gapok}")
54             print(f"Tunjangan      : Rp. {tjk}")
55             print(f"Uang Lembur     : Rp. {lbr}")
56     print("-"*60)
57     total = gapok + tjk + lbr
58     print(f"Total          : Rp. {total}")
59     break
```

FileEditSelectionViewGoRunTerminalHelp#6.py - Visual Studio Code

mbaca CSV.py#1.py#2.py#3 sulastr.py#4 sulastr.py#5.py#6.py

C: > Users > USER > Documents > #6.py > ...
40 print(f"Gaji Pokok : Rp. {gapok}")
41 print(f"Tunjangan : Rp. {tjk}")
42 print(f"Uang Lembur : Rp. {lbr}")
43
44 elif gol == "C":
45 gapok = 900000
46 tjk = gapok*(20/100)
47 if jm_krj >= 200:
48 lbr = jm_krj*10000
49 elif jm_krj < 200:
50 lbr = 0
51 else:
52 print("-")
53 print(f"Gaji Pokok : Rp. {gapok}")
54 print(f"Tunjangan : Rp. {tjk}")
55 print(f"Uang Lembur : Rp. {lbr}")
56 print("="*60)

PROBLEMSOUTPUTDEBUG CONSOLETERMINAL

DATA PEGAWAI
=====
Nama : Sulastr
Golongan : C
Total Jam Kerja : 24
=====

PERHITUNGAN GAJI
=====
Gaji Pokok : Rp. 900000
Tunjangan : Rp. 180000.0
Uang Lembur : Rp. 0
=====

Total : Rp. 1080000.0
PS C:\Users\USER>

Python Deb...
Python

3.10.0 64-bit 0 0 Ln 51, Col 19 Spaces: 4 UTF-8 CRLF Python