

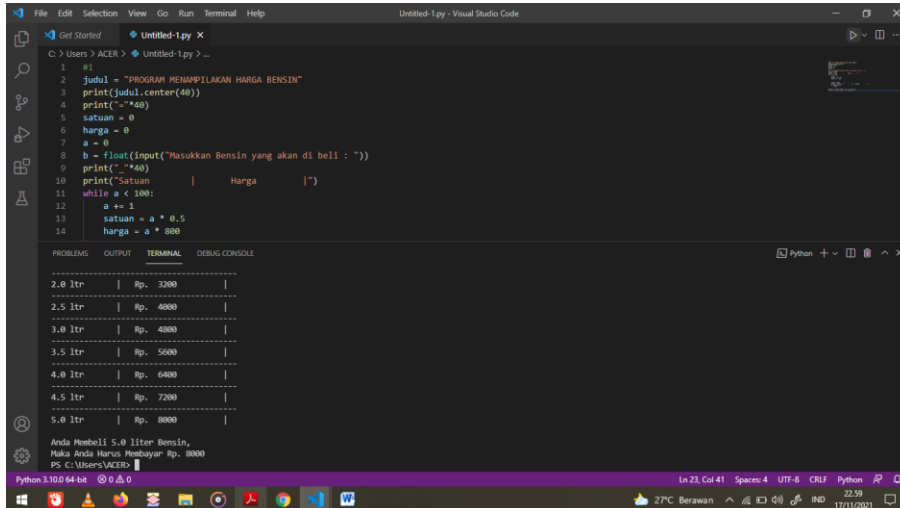
Nama : Nizar Mulyawan

Nim : 20.01.013.011

Kelas : Kecerdasan Buatan

## Praktikum Python 3

### 1. Membuat program tabel harga bensin



```
1 #!
2 judul = "PROGRAM MENAMPILKAN HARGA BENSLN"
3 print(judul.center(40))
4 print("-" * 40)
5 satuan = 0
6 harga = 0
7 a = 0
8 b = float(input("Masukkan Bensin yang akan di beli : "))
9 print("-" * 40)
10 print("Satuan      |      Harga      |")
11 while a < 100:
12     a += 1
13     satuan = a * 0.5
14     harga = a * 800
```

2.0 ltr | Rp. 3200 |

2.5 ltr | Rp. 4000 |

3.0 ltr | Rp. 4800 |

3.5 ltr | Rp. 5600 |

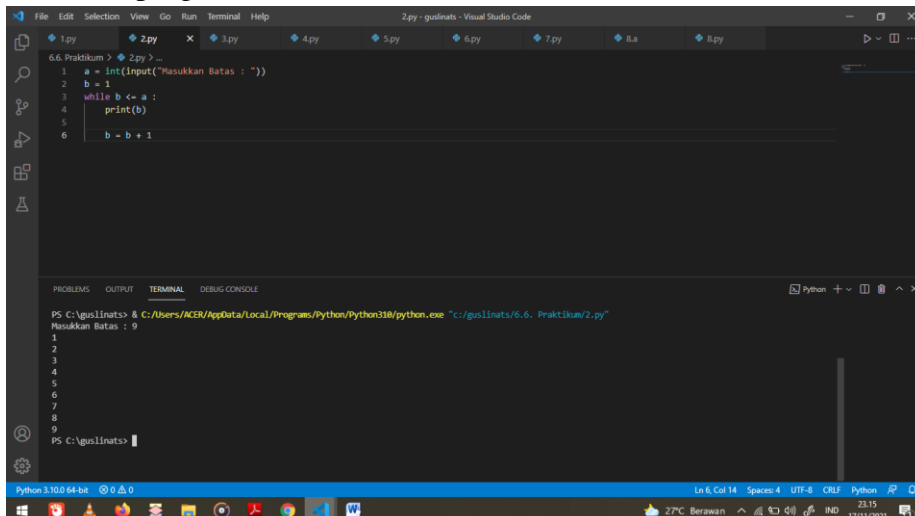
4.0 ltr | Rp. 6400 |

4.5 ltr | Rp. 7200 |

5.0 ltr | Rp. 8000 |

Anda Memili 5.0 liter Bensin,  
Maka Anda Harus Membayar Rp. 8000

### 2. Membuat program suku dan rasio



```
1 a = int(input("Masukkan Batas : "))
2 b = 1
3 while b <= a :
4     print(b)
5     b = b + 1
```

PS C:\guslinats> & C:\Users\ACER\AppData\Local\Programs\Python\Python310\python.exe "c:/guslinats/6.6. Praktikum/2.py"

Masukkan Batas : 9

1

2

3

4

5

6

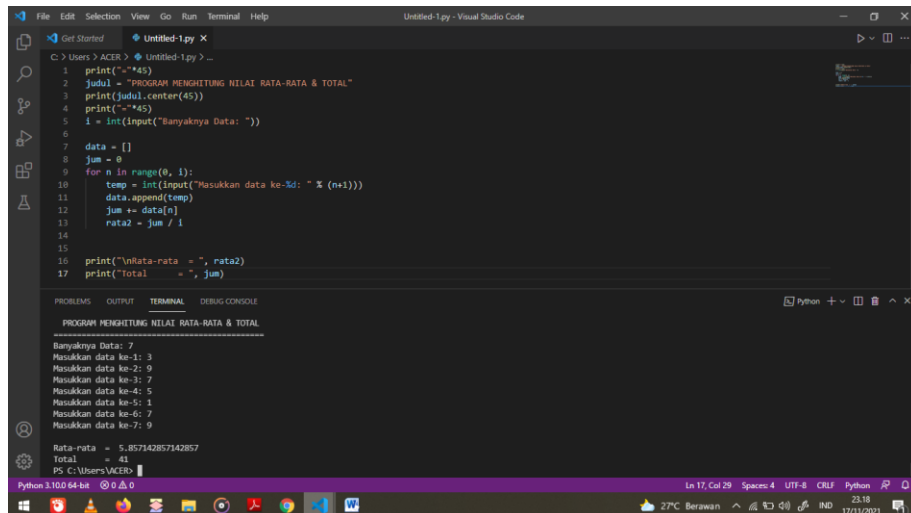
7

8

9

PS C:\guslinats>

### 3. Menginput bilangan, dan output berupa nilai total dan rata rata



```
1 print("-"*45)
2 judul = "PROGRAM MENGHITUNG NILAI RATA-RATA & TOTAL"
3 print(judul.center(45))
4 print("-"*45)
5 i = int(input("Banyaknya Data: "))
6
7 data = []
8 jum = 0
9 for n in range(0, i):
10     temp = int(input("Masukkan data ke-{}: ".format(n+1)))
11     data.append(temp)
12     jum += data[n]
13     rata2 = jum / i
14
15
16 print("\nRata-rata = ", rata2)
17 print("Total      = ", jum)
```

PROGRAM MENGHITUNG NILAI RATA-RATA & TOTAL

Banyaknya Data: 7

Masukkan data ke-1: 3

Masukkan data ke-2: 9

Masukkan data ke-3: 7

Masukkan data ke-4: 5

Masukkan data ke-5: 1

Masukkan data ke-6: 7

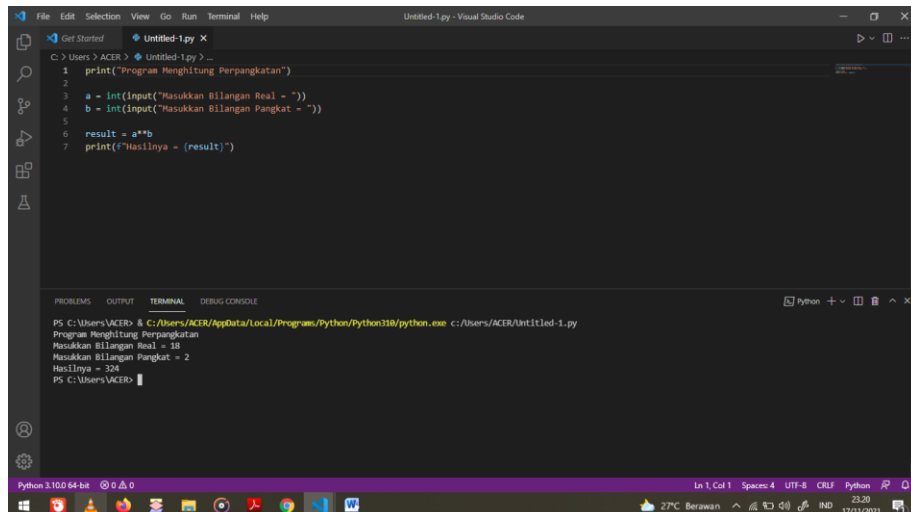
Masukkan data ke-7: 9

Rata-rata = 5.857142857142857

Total = 41

PS C:\Users\VACER>

### 4. Menghitung bilangan real dan bilangan bulat positif



```
1 print("Program Menghitung Perpangkatan")
2
3 a = int(input("Masukkan Bilangan Real = "))
4 b = int(input("Masukkan Bilangan Pangkat = "))
5
6 result = a**b
7 print("Hasilnya = (result)")
```

PS C:\Users\VACER> C:\Users\VACER\AppData\Local\Programs\Python\Python38\python.exe c:/Users/VACER/Untitled-1.py

Program Menghitung Perpangkatan

Masukkan Bilangan Real = 18

Masukkan Bilangan Pangkat = 2

Hasilnya = 324

PS C:\Users\VACER>

5. Menghitung  $N!$  Dan  $N$  sebagai masukan

[illegible]

6. Membuat program tebak angka

7. Menampilkan penjumlahan bilangan

The screenshot shows the Visual Studio Code interface with a Python file named `njarr.py` open in the editor. The code is a simple program that takes two inputs, `x` and `y`, and calculates their sum. The terminal window at the bottom shows the command to run the script using `python` and the resulting output, which is `Hasil Penjumlahan = 35`.

```

File Edit Selection View Go Run Terminal Help
njarr.py - Visual Studio Code

njarr.py x
C:\Users\ACER> njarr.py -
1 x = int(input("x = "))
2 y = int(input("y = "))
3 jml = 0
4 print("\n")
5 for n in range(x + 1, y):
6     x += 1
7     jml += n
8     print(n)
9
10 print(f"Hasil Penjumlahan = {jml}")

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE
Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\ACER> & C:\Users\ACER\AppData\Local\Programs\Python\Python310\python.exe c:\Users\ACER\njarr.py
x = 4
y = 10

5
6
7
8
9
Hasil Penjumlahan = 35
PS C:\Users\ACER>
Python 3.10.0 64-bit
Ln 10, Col 36 Spaces 4 UTF-8 CRLF Python
26°C Barawan 23:44
IND 17/11/2021

```