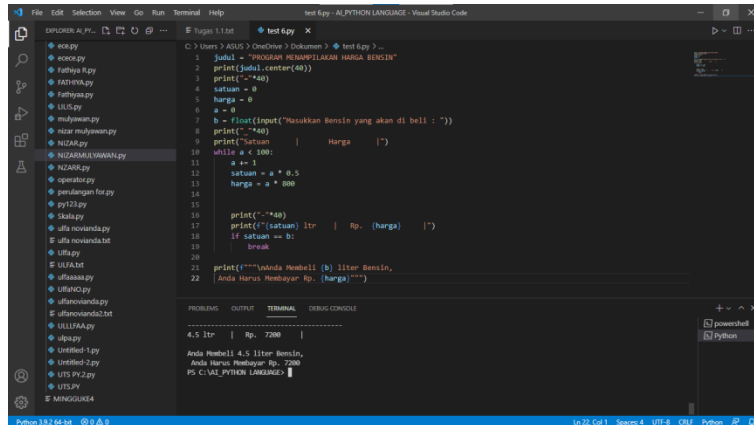


Nama : Ulfa Novianda

Nim : 20.01.013.042

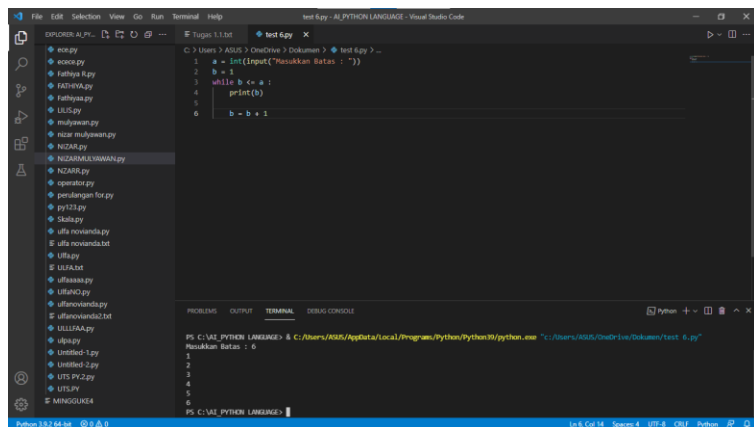
Kelas : Kecerdasan Buatan (AI-3B)

1.



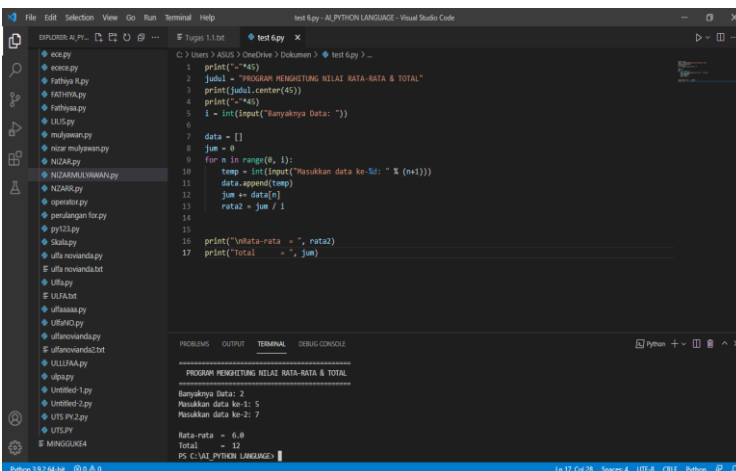
```
1 judul = "PROGRAM MENAMPILAKAN HARGA BENZIN"
2 print(judul.center(40))
3 print("-*-*")
4 satuan = 0
5 harga = 0
6 a = 0
7 b = float(input("Masukkan Bensin yang akan di beli : "))
8 print("-*40")
9 print("Satuan | Harga |")
10 while a < 100:
11     a += 1
12     satuan = a * 0.5
13     harga = a * 800
14
15 print("-*40")
16 print(f"satuan | {a} | Rp. {harga} |")
17 if satuan == 0:
18     break
19
20 print(f"anda membeli {b} liter bensin,")
21 print(f"anda harus membayar Rp. {harga}")
```

2.



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

3.



```
1 print("-*40")
2 judul = "PROGRAM MENGETIKUNG RELAI RATA-RATA & TOTAL"
3 print(judul.center(45))
4 print("-*40")
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-3d: " % (n+1)))
11     data.append(temp)
12     jum += data[n]
13     rata2 = jum / i
14
15 print("rata-rata = ", rata2)
16 print("Total = ", jum)
```


7.

The screenshot shows the Visual Studio Code interface with a Python file named 'test 6.py' open. The code in the editor is as follows:

```

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, end=" ")
9
10 print(f"Hasil Penjumlahan = {jml}")

```

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

```

PS C:\VAI_PYTHON LANGUAGE> & c:\Users\ASUS\AppData\Local\Programs\Python\Python39\python.exe "c:\Users\ASUS\OneDrive\Documents\test_6.py"
x = 4
y = 9

5 6 7 8 Hasil Penjumlahan = 35
PS C:\VAI_PYTHON LANGUAGE>

```

The status bar at the bottom indicates 'Python 3.9.2 64-bit', 'Ln 4, Col 12', 'Spaces 4', 'UTF-8', 'CRLF', and 'Python'.

8.