

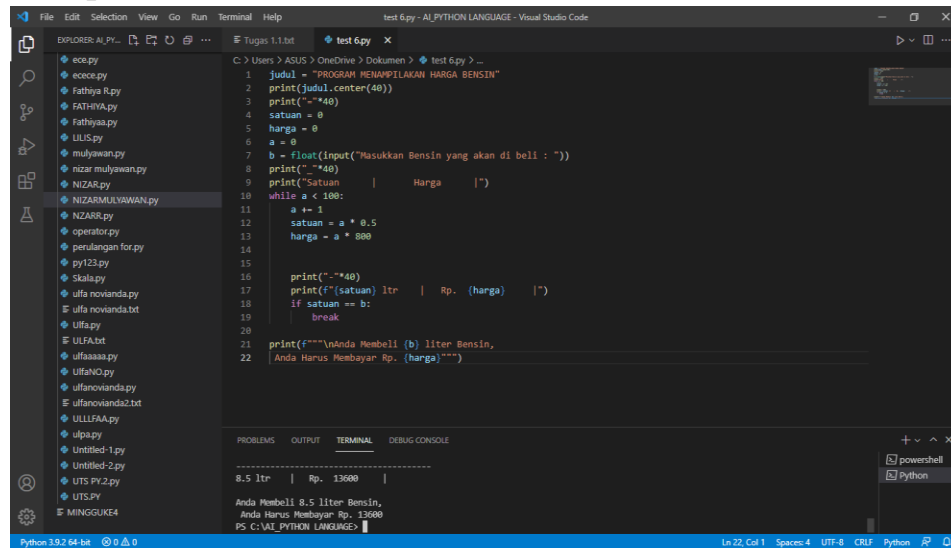
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NIM : 20.01.013.035

KELAS : AI B

QUIZ 3

1. Buatlah program menampilkan tabel harga bensin berikut. N merupakan masukan



```
1 judul = "PROGRAM MENAMPILKAN HARGA BENJIN"
2 print(judul.center(40))
3 print("-"*40)
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}) ltr      |      Rp.      (harga)      |")
17     if satuan == b:
18         break
19
20 print(f"\\nAnda Membeli (b) liter Bensin,")
21 print(f"\\nAnda Harus Membayar Rp. (harga)\\n")
```

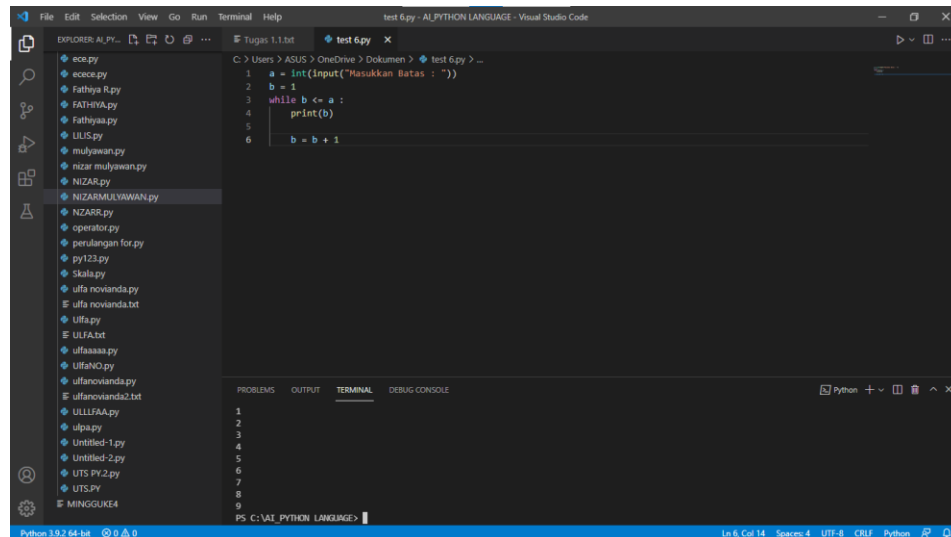
PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE

8.5 ltr | Rp. 13600 |

Anda Membeli 8.5 liter Bensin,
Anda Harus Membayar Rp. 13600

PS C:\AI PYTHON LANGUAGE>

- 2.



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

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE

1
2
3
4
5
6
7
8
9

PS C:\AI PYTHON LANGUAGE>

3.

```

File Edit Selection View Go Run Terminal Help
test 6.py - AI_PYTHON LANGUAGE - Visual Studio Code

EXPLORER: AI_PY...
  ece.py
  ecece.py
  Fathiya R.py
  FATHIYA.py
  Fathiyas.py
  LIUS.py
  mulyawan.py
  nizar mulyawan.py
  NIZAR.py
  NIZARMULYAWAN.py
  NZARR.py
  operator.py
  perulangan for.py
  py123.py
  Skala.py
  ulfa novianda.py
  ulfa novianda.txt
  Ulfa.py
  ULFA.txt
  ulfaaaa.py
  UfaNO.py
  ulfanovianda.py
  ulfanovianda2.txt
  ULLIFAA.py
  ulpa.py
  Untitled-1.py
  Untitled-2.py
  UTS PY2.py
  UTS.PY
  MINGGUKE4

Tugas 1.1.txt
test 6.py x

C:\Users\ASUS> OneDrive > Dokumen > test 6.py > ...
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 print("\nRata-rata = ", rata2)
16 print("Total      = ", jum)
17

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE
Python

PROGRAM MENGHITUNG NILAI RATA-RATA & TOTAL
=====
Banyaknya Data: 3
Masukkan data ke-1: 3
Masukkan data ke-2: 5
Masukkan data ke-3: 4

Rata-rata = 4.0
Total      = 12
PS C:\AI_PYTHON LANGUAGE>

```

4.

```

File Edit Selection View Go Run Terminal Help
test 6.py - AI_PYTHON LANGUAGE - Visual Studio Code

EXPLORER: AI_PY...
  ece.py
  ecece.py
  Fathiya R.py
  FATHIYA.py
  Fathiyas.py
  LIUS.py
  mulyawan.py
  nizar mulyawan.py
  NIZAR.py
  NIZARMULYAWAN.py
  NZARR.py
  operator.py
  perulangan for.py
  py123.py
  Skala.py
  ulfa novianda.py
  ulfa novianda.txt
  Ulfa.py
  ULFA.txt
  ulfaaaa.py
  UfaNO.py
  ulfanovianda.py
  ulfanovianda2.txt
  ULLIFAA.py
  ulpa.py
  Untitled-1.py
  Untitled-2.py
  UTS PY2.py
  UTS.PY
  MINGGUKE4

Tugas 1.1.txt
test 6.py x

C:\Users\ASUS> OneDrive > Dokumen > test 6.py > ...
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}")

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE
Python

PS C:\AI_PYTHON LANGUAGE> & C:\Users\ASUS\AppData\Local\Programs\Python\Python39\python.exe "c:/Users/ASUS/OneDrive/Dokumen/test 6.py"
Program Menghitung Perpangkatan
Masukkan Bilangan Real = 3
Masukkan Bilangan Pangkat = 2
Hasilnya = 9
PS C:\AI_PYTHON LANGUAGE>

```

5.

The screenshot shows the Visual Studio Code interface with a Python file named 'test 6.py' open. The code is a factorial function that takes an input 'n' and calculates the factorial using a for loop. The terminal output shows the program being executed with the input '3', resulting in the output 'Faktorial dari 3 adalah 6'.

```

1 result = 1
2 n = int(input("Masukkan bilangan bulat : "))
3
4 for i in range(1, n + 1):
5     result *= i
6
7 print(f"Faktorial dari {n} adalah {result}")

```

```

PS C:\Users\ASUS> & C:/Users/ASUS/AppData/Local/Programs/Python/Python39/python.exe "c:/Users/ASUS/OneDrive/Dokumen/test 6.py"
Masukkan bilangan bulat : 3
Faktorial dari 3 adalah 6
PS C:\Users\ASUS>

```

6.

The screenshot shows the Visual Studio Code interface with a Python file named 'test 6.py' open. The code is a number guessing game that prompts the user to guess a number between 0 and 10. The terminal output shows the program being executed with the input '4', resulting in the output 'Angka Tebakan Lebih Besar'.

```

1 trying = 0
2 secret_number = 3
3 limit = 3
4
5 while trying < limit :
6     guess_number = input("Masukkan angka (0-10) : ")
7     guess_number = int(guess_number)
8
9     if guess_number > secret_number :
10        print("Angka Tebakan Lebih Besar")
11    if guess_number < secret_number :
12        print("Angka Tebakan Lebih kecil")
13    if guess_number == secret_number :
14        print("Selamat Anda Berhasil Menebak")
15        break
16    trying += 1

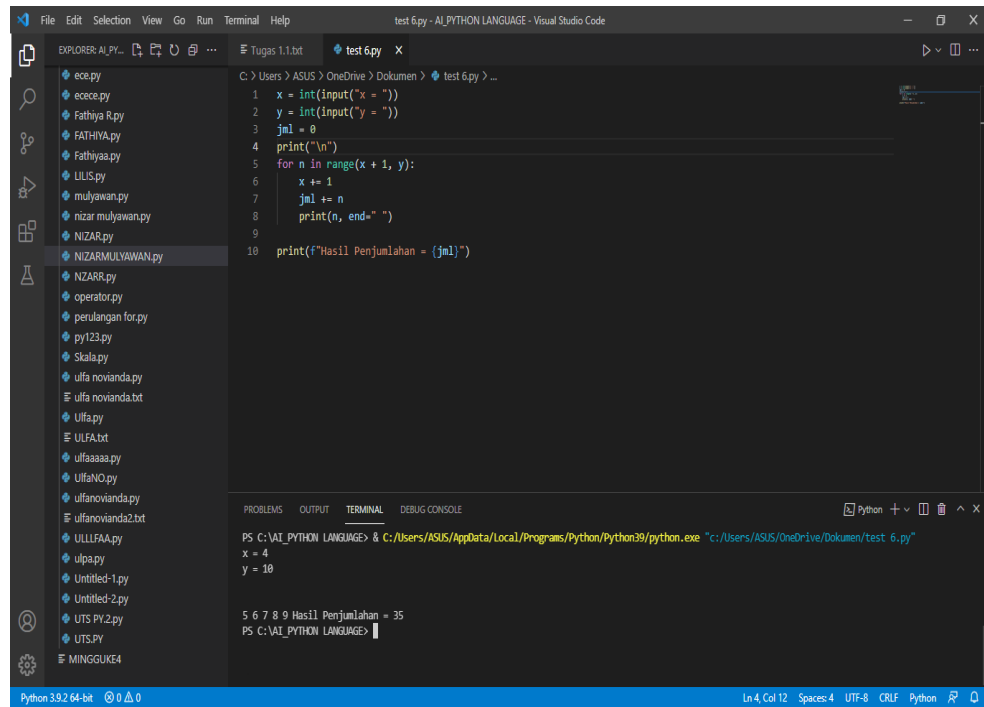
```

```

PS C:\Users\ASUS> & C:/Users/ASUS/AppData/Local/Programs/Python/Python39/python.exe "c:/Users/ASUS/OneDrive/Dokumen/test 6.py"
Masukkan angka (0-10) : 4
Angka Tebakan Lebih Besar
Masukkan angka (0-10) : 3
Selamat Anda Berhasil Menebak
PS C:\Users\ASUS>

```

7.



The screenshot shows the Visual Studio Code interface with a Python file named `test 6.py` open. The file explorer on the left lists various Python files, including `NIZARMULYAWAN.py`. The main editor displays the following Python code:

```
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}")
```

Below the code editor, the terminal window shows the execution of the script. The command prompt indicates the file path `C:\Users\ASUS\OneDrive\Dokumen\test 6.py`. The output shows the input values `x = 4` and `y = 10`, followed by the calculation results: `5 6 7 8 9 Hasil Penjumlahan = 35`.

8.