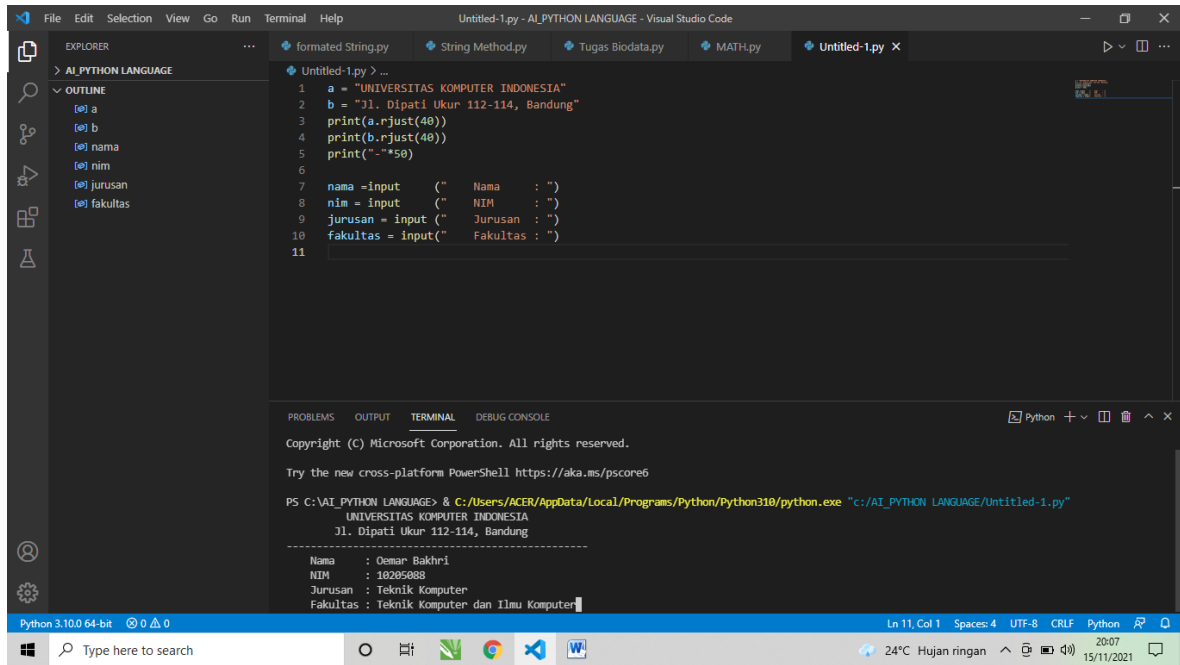


Nama: Ade Lilis Aprianti

Nim: 20.01.013.048

Kelas: AI-B

1. 4.9



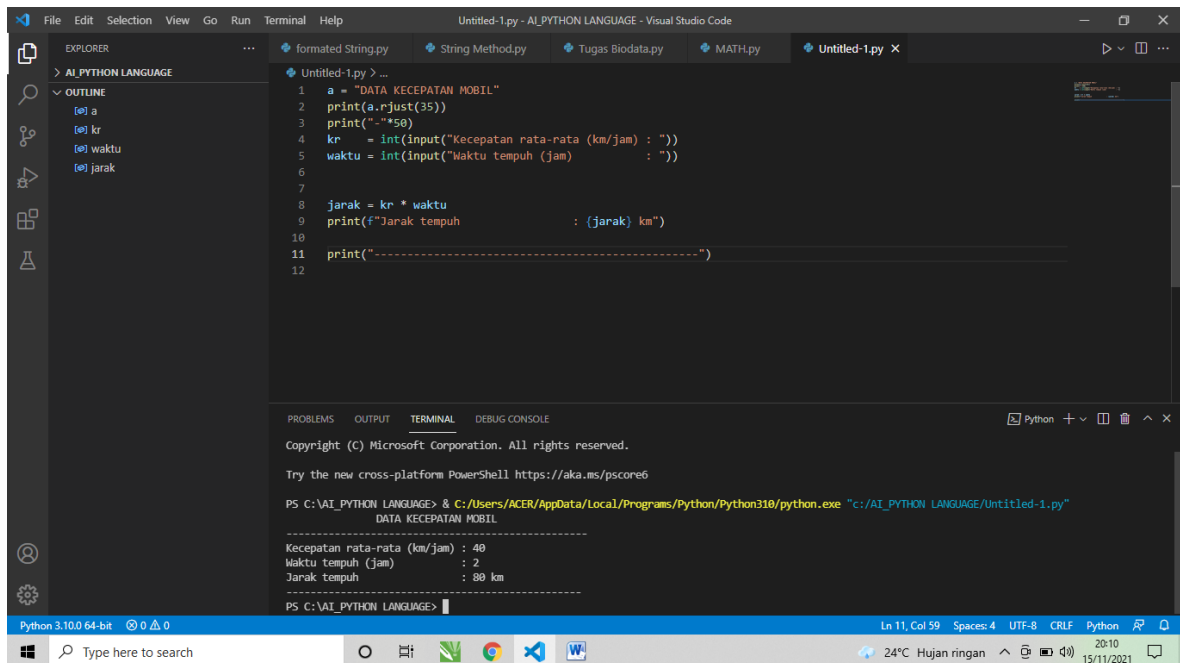
The screenshot shows the Visual Studio Code interface with a Python file named 'Untitled-1.py'. The code defines a university name and address, then prompts the user for their name, NIM, faculty, and department. The output in the terminal shows the program running successfully with the following input and output:

```
1 a = "UNIVERSITAS KOMPUTER INDONESIA"
2 b = "Jl. Dipati Ukur 112-114, Bandung"
3 print(a.rjust(40))
4 print(b.rjust(40))
5 print("-"*50)
6
7 nama = input (" Nama : ")
8 nim = input (" NIM : ")
9 jurusan = input (" Jurusan : ")
10 fakultas = input (" Fakultas : ")
11
```

```
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PS C:\AI_PYTHON LANGUAGE> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe "c:/AI_PYTHON LANGUAGE/Untitled-1.py"
UNIVERSITAS KOMPUTER INDONESIA
Jl. Dipati Ukur 112-114, Bandung
-----
Nama      : Oman Bakhr1
NIM       : 18285088
Jurusan   : Teknik Komputer
Fakultas  : Teknik Komputer dan Ilmu Komputer
```

1. 4.10



The screenshot shows the Visual Studio Code interface with a Python file named 'Untitled-1.py'. The code prompts the user for a car speed and time, then calculates the distance. The output in the terminal shows the program running successfully with the following input and output:

```
1 a = "DATA KECEPATAN MOBIL"
2 print(a.rjust(35))
3 print("-"*50)
4 kr = int(input("Kecepatan rata-rata (km/jam) : "))
5 waktu = int(input("Waktu tempuh (jam) : "))
6
7
8 jarak = kr * waktu
9 print(f"Jarak tempuh : {jarak} km")
10
11 print("-----")
12
```

```
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PS C:\AI_PYTHON LANGUAGE> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe "c:/AI_PYTHON LANGUAGE/Untitled-1.py"
DATA KECEPATAN MOBIL
-----
Kecepatan rata-rata (km/jam) : 40
Waktu tempuh (jam) : 2
Jarak tempuh : 80 km
-----
PS C:\AI_PYTHON LANGUAGE>
```

2.

```

1  a = "PROGRAM MENGHITUNG PEMBELIAN"
2  print(a.rjust(40))
3  print("-"*50)
4  hs = int(input("Harga satuan : Rp. "))
5  jp = int(input("Jumlah pembelian : "))
6  disc = 0.10
7  ht = hs * jp * disc
8
9  print(f"Harga Total : Rp. {ht}")
10

```

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

PS C:\AI_PYTHON LANGUAGE> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe "c:/AI_PYTHON LANGUAGE/Untitled-1.py"

```

PROGRAM MENGHITUNG PEMBELIAN
-----
Harga satuan : Rp. 70000
Jumlah pembelian : 3
Harga Total : Rp. 21000.0
PS C:\AI_PYTHON LANGUAGE>

```

3.

```

1  a = "Program Penjualan Buku"
2  print(a.rjust(35))
3  print("-"*50)
4  hs = int(input("Harga Buku          : Rp. "))
5  jp = int(input("Jumlah pembelian    : "))
6  disc = float(input("Diskon          : "))
7  ht = hs * jp * disc
8
9  print(f"Harga Total          : Rp. {ht}")
10 print("-"*50)

```

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

PS C:\AI_PYTHON LANGUAGE> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe "c:/AI_PYTHON LANGUAGE/Untitled-1.py"

```

Program Penjualan Buku
-----
Harga Buku          : Rp. 90000
Jumlah pembelian    : 2
Diskon              : 20
Harga Total          : Rp. 360000.0
PS C:\AI_PYTHON LANGUAGE>

```

4.

```

1 judul = "PROGRAM MENGHITUNG TAGIHAN TELEPON"
2 print(judul.center(60))
3 print("-"*60)
4 print("DATA PELANGGAN")
5 nama = input("Nama Pelanggan : ")
6 cakap = int(input("Percakapan : "))
7 sms = int(input("SMS : "))
8 print("\n")
9 print("TAGIHAN")
10 abn = 20000
11 print(f"Abonemen : Rp. {abn}")
12 rp_cakap = cakap*1000
13 print(f"Biaya percakapan: Rp. {rp_cakap}")
14 rp_sms = sms*300
15 print(f"Biaya SMS : Rp. {rp_sms}")
16 total_tagihan = rp_cakap + rp_sms
17 print(f"Total Tagihan : Rp. {total_tagihan}")
18 print("-"*60)

```

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE

Nama Pelanggan : Sintia
Percakapan : 3
SMS : 90

TAGIHAN
Abonemen : Rp. 20000
Biaya percakapan: Rp. 3000
Biaya SMS : Rp. 27000
Total Tagihan : Rp. 30000

Python 3.10.0 64-bit 0 0

Ln 18, Col 14 Spaces: 4 UTF-8 CRLF Python

5.

```

1 print("\n PROGRAM GAJI PEGAWAI \n")
2 nama = input ("Nama Karyawan : ")
3 anak = int(input("Jumlah Anak : "))
4 print("\n-----\n")
5
6 while True:
7     bonus = input("Apakah Karyawan lembur (Y / N) : ")
8     lembur = 1000000
9
10    tdk_lembur = 0
11    if bonus == "Y":
12        bonus = lembur
13
14    elif bonus == "N":
15        bonus = 0
16
17    gol_1 = 3000000
18    gol_2 = 3500000
19
20    golongan = input("Pilih Golongan (1 / 2) : ")

```

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE

Apakah Karyawan lembur (Y / N) : Y
Pilih Golongan (1 / 2) : 2

Gaji Pokok : Rp. 3500000
Bonus Gaji Lembur : Rp. 1000000

Gaji Kotor : Rp. 4500000
Gaji Bersih : Rp. 2650000

Python 3.10.0 64-bit 0 0

Ln 41, Col 10 Spaces: 4 UTF-8 CRLF Python

6.

The screenshot shows a Visual Studio Code window with a Python file named 'Untitled-1.py'. The code in the file calculates the remaining amount after various deductions from an initial value of 2850. The terminal shows the execution of the script, which outputs the calculated values for each step.

```

1  nilai_uang = int(input("Nilai Uang = "))
2  pecahan1000 = nilai_uang // 1000
3  sisa_nilaiUang = nilai_uang % 1000
4  pecahan200 = sisa_nilaiUang // 200
5  sisa_nilaiUang = sisa_nilaiUang % 200
6  pecahan50 = sisa_nilaiUang // 50
7  sisa_nilaiUang = sisa_nilaiUang % 50
8
9  print()
10 print("Nilai uang = ", nilai_uang)
11 print(pecahan1000, "(seribu) + ", pecahan200, "(duaratusan) + ", pecahan50, "(limapuluhan)")
12

```

```

PS C:\AI_PYTHON LANGUAGE> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe "c:/AI_PYTHON LANGUAGE/Untitled-1.py"
Nilai Uang = 2850
2 (seribu) + 4 (duaratusan) + 1 (limapuluhan)
PS C:\AI_PYTHON LANGUAGE>

```

7.

The screenshot shows a Visual Studio Code window with a Python file named 'Infapq.py'. The code calculates the remaining amount after various deductions from an initial value of 2200. The terminal shows the execution of the script, which outputs the calculated values for each step.

```

1  gaji = int(input("Gaji = "))
2  hutang = int(input("Hutang = "))
3
4
5  Sisa_Uang = gaji - hutang
6  print(f"Sisa Uang = {Sisa_Uang}")
7
8  sehari_hari = Sisa_Uang * 70/100
9  print(f"Biaya Sehari = {sehari_hari}")
10
11 tabungan = Sisa_Uang * 20/100
12 print(f"Tabung = {tabungan}")
13
14 infak = Sisa_Uang * 10/100
15 print(f"Infak = {infak}")

```

```

PS C:\AI_PYTHON LANGUAGE> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/ACER/Downloads/Infapq.py
Gaji = 2200
Hutang = 200
Sisa Uang = 2000
Biaya Sehari = 1400.0
Tabung = 400.0
Infak = 200.0
PS C:\AI_PYTHON LANGUAGE>

```