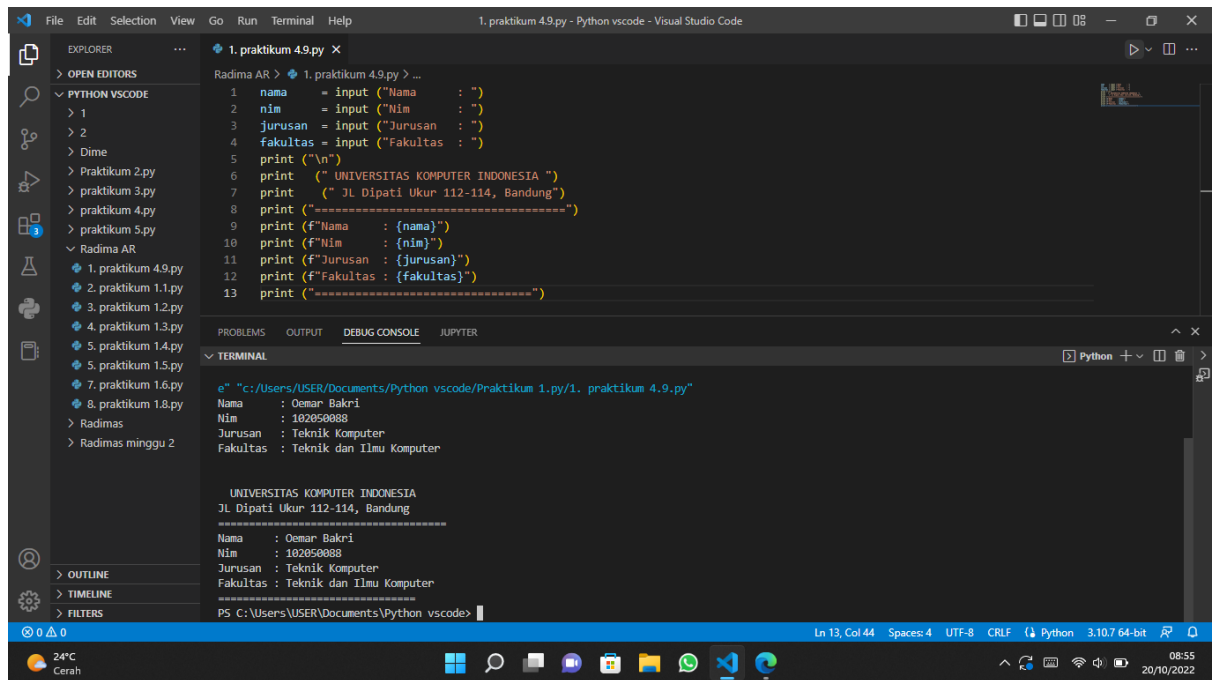


Nama : Radimas Audisyah Rahmana  
Nim : 211001011  
Kelas : D

## ➤ Praktikum 1

### 1. Praktikum 4.9



```
File Edit Selection View Go Run Terminal Help 1.praktikum 4.9.py - Python vscode - Visual Studio Code

EXPLORER
  > OPEN EDITORS
  > PYTHON VSCODE
    > 1
    > 2
    > Dime
    > Praktikum 2.py
    > praktikum 3.py
    > praktikum 4.py
    > praktikum 5.py
    > Radima AR
      1.praktikum 4.9.py
      2.praktikum 1.1.py
      3.praktikum 1.2.py
      4.praktikum 1.3.py
      5.praktikum 1.4.py
      5.praktikum 1.5.py
      7.praktikum 1.6.py
      8.praktikum 1.8.py
    > Radimas
    > Radimas minggu 2

  > OUTLINE
  > TIMELINE
  > FILTERS

1.praktikum 4.9.py X
Radima AR > 1.praktikum 4.9.py > ...
1 nama = input("Nama : ")
2 nim = input("Nim : ")
3 jurusan = input("Jurusan : ")
4 fakultas = input("Fakultas : ")
5 print("\n")
6 print(" UNIVERSITAS KOMPUTER INDONESIA ")
7 print(" JL Dipati Ukur 112-114, Bandung")
8 print("=====")
9 print(f"Nama : {nama}")
10 print(f"Nim : {nim}")
11 print(f"Jurusan : {jurusan}")
12 print(f"Fakultas : {fakultas}")
13 print("=====")

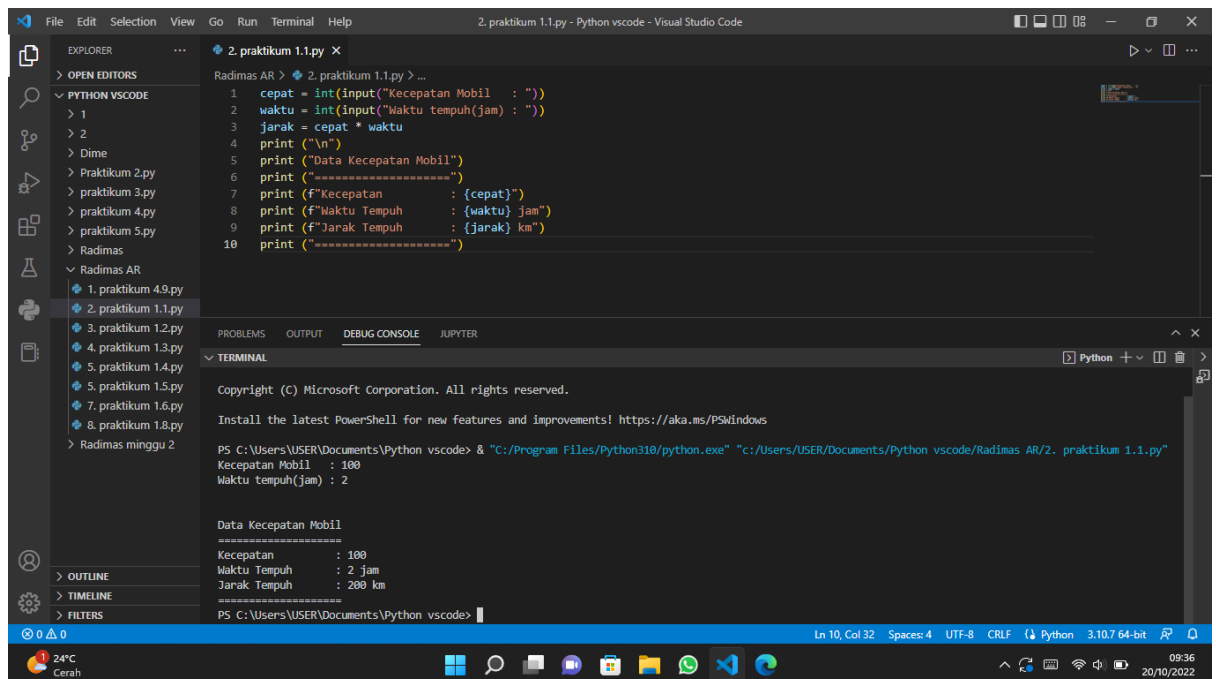
PROBLEMS OUTPUT DEBUG CONSOLE JUPYTER

TERMINAL
Python
e" "c:/Users/USER/Documents/Python vscode/Praktikum 1.py/1.praktikum 4.9.py"
Nama : Oemar Bakri
Nim : 102050088
Jurusan : Teknik Komputer
Fakultas : Teknik dan Ilmu Komputer

UNIVERSITAS KOMPUTER INDONESIA
JL Dipati Ukur 112-114, Bandung
=====
Nama : Oemar Bakri
Nim : 102050088
Jurusan : Teknik Komputer
Fakultas : Teknik dan Ilmu Komputer
=====
PS C:\Users\USER\Documents\Python vscode>

Ln 13, Col 44 Spaces: 4 UTF-8 CRLF Python 3.10.7 64-bit
24°C Cerah 08:55 20/10/2022
```

### 2. Praktikum 1.1



```
File Edit Selection View Go Run Terminal Help 2.praktikum 1.1.py - Python vscode - Visual Studio Code

EXPLORER
  > OPEN EDITORS
  > PYTHON VSCODE
    > 1
    > 2
    > Dime
    > Praktikum 2.py
    > praktikum 3.py
    > praktikum 4.py
    > praktikum 5.py
    > Radimas
    > Radimas AR
      1.praktikum 4.9.py
      2.praktikum 1.1.py
      3.praktikum 1.2.py
      4.praktikum 1.3.py
      5.praktikum 1.4.py
      5.praktikum 1.5.py
      7.praktikum 1.6.py
      8.praktikum 1.8.py
    > Radimas minggu 2

  > OUTLINE
  > TIMELINE
  > FILTERS

2.praktikum 1.1.py X
Radimas AR > 2.praktikum 1.1.py > ...
1 cepat = int(input("Kecepatan Mobil : "))
2 waktu = int(input("Waktu tempuh(jam) : "))
3 jarak = cepat * waktu
4 print("\n")
5 print("Data Kecepatan Mobil")
6 print("=====")
7 print(f"Kecepatan : {cepat}")
8 print(f"Waktu Tempuh : {waktu} jam")
9 print(f"Jarak Tempuh : {jarak} km")
10 print("=====")

PROBLEMS OUTPUT DEBUG CONSOLE JUPYTER

TERMINAL
Python
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PS C:\Users\USER\Documents\Python vscode> & "C:/Program Files/Python310/python.exe" "c:/Users/USER/Documents/Python vscode/Radimas AR/2.praktikum 1.1.py"
Kecepatan Mobil : 100
Waktu tempuh(jam) : 2

Data Kecepatan Mobil
=====
Kecepatan : 100
Waktu Tempuh : 2 jam
Jarak Tempuh : 200 km
=====
PS C:\Users\USER\Documents\Python vscode>

Ln 10, Col 32 Spaces: 4 UTF-8 CRLF Python 3.10.7 64-bit
24°C Cerah 09:36 20/10/2022
```

### 3. Praktikum 1.2

The screenshot shows the Visual Studio Code interface with a Python file named '3. praktikum 1.2.py' open. The code is a Python script that calculates the total price of a purchase with a discount. The script prompts the user for the unit price, quantity, and discount percentage. It then calculates the total price after the discount and displays the results.

```
1 harga_satuan = int(input("Harga Satuan :Rp. "))
2 jumlah_pembelian = int(input("Jumlah Pembelian :"))
3 diskon = 10/100
4
5 harga_barang = harga_satuan * jumlah_pembelian
6 print(f"Harga Barang :Rp.{harga_barang}")
7 besar_diskon = harga_barang * diskon
8 print(f"Harga Diskon :Rp.{besar_diskon}")
9 harga_setelah_diskon = harga_barang - besar_diskon
10 print(f"Harga Total :Rp.{harga_setelah_diskon}")
11 print("\n")
12 print("PROGRAM MENGHITUNG PEMBELIAN")
13 print("=====")
14 print(f"Harga satuan :Rp.{harga_satuan}")
15 print(f"Harga pembelian :{jumlah_pembelian}")
16 print(f"Harga barang :Rp.{harga_barang}")
17 print(f"Harga total :Rp.{harga_setelah_diskon}")
18 print("=====")
```

The output of the program is displayed in the terminal window:

```
PS C:\Users\USER\Documents\Python vscode> & "C:/Program Files/Python310/python.exe" "c:/Users/USER/Documents/Python vscode/Radimas AR/3. praktikum 1.2.py"
Harga Satuan :Rp.10000
Jumlah Pembelian :15
Harga Barang :Rp.150000
Harga Diskon :Rp.15000.0
Harga Total :Rp.135000.0

PROGRAM MENGHITUNG PEMBELIAN
=====
Harga satuan :Rp.10000
Harga pembelian :15
Harga barang :Rp.150000
Harga total :Rp.135000.0
=====
PS C:\Users\USER\Documents\Python vscode>
```

### 4. Praktikum 1.3

The screenshot shows the Visual Studio Code interface with a Python file named '4. praktikum 1.3.py' open. The code is a Python script that calculates the total price of a book sale with a discount. The script prompts the user for the unit price, quantity, and discount percentage. It then calculates the total price after the discount and displays the results.

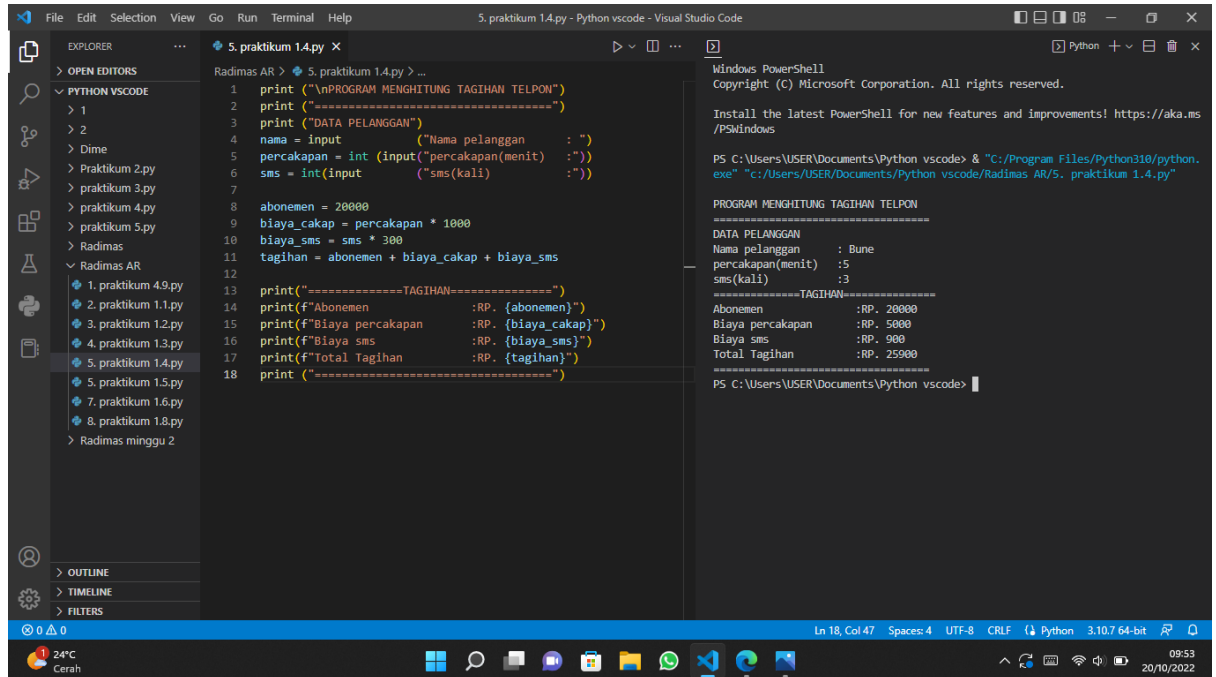
```
1 harga_satuan = int(input("Masukkan harga satuan :Rp. "))
2 jumlah = int(input("Masukkan jumlah pembeli :"))
3
4 harga_barang = harga_satuan * jumlah
5 print(f"Harga Barang : {harga_barang}")
6 diskon = float(input("Masukkan besar diskon (%) :"))
7 biaya_diskon = diskon/100
8 harga_diskon = harga_satuan * jumlah * biaya_diskon
9 harga_total = harga_satuan * jumlah - harga_diskon
10 print("\n")
11 print("PROGRAM PENJUALAN BUKU")
12 print("=====")
13 print(f"Harga satuan :Rp.{harga_satuan}")
14 print(f"Jumlah pembeli :{jumlah}")
15 print(f"Diskon :{diskon} %")
16 print(f"Harga total :Rp.{harga_total}")
17 print("=====")
```

The output of the program is displayed in the terminal window:

```
PS C:\Users\USER\Documents\Python vscode> & "C:/Program Files/Python310/python.exe" "c:/Users/USER/Documents/Python vscode/Radimas AR/4. praktikum 1.3.py"
Masukkan harga satuan :Rp.20000
Masukkan jumlah pembeli :6
Harga Barang :120000
Masukkan besar diskon (%) :15

PROGRAM PENJUALAN BUKU
=====
Harga satuan :Rp.20000
Jumlah pembeli :6
Diskon :15.0 %
Harga total :Rp.102000.0
=====
PS C:\Users\USER\Documents\Python vscode>
```

## 5. Praktikum 1.4



The screenshot shows the Visual Studio Code interface with a Python file named `5. praktikum 1.4.py` open. The code is a Python script that calculates the total bill for a Telpon service. It takes user input for the customer's name, the number of minutes of conversation, and the number of SMS messages. It then calculates the total bill based on predefined rates and prints the results.

```
1 print ("\nPROGRAM MENGHITUNG TAGIHAN TELPON")
2 print ("=====")
3 print ("DATA PELANGGAN")
4 nama = input ("Nama pelanggan : ")
5 percakapan = int (input("percakapan(menit) :"))
6 sms = int(input ("sms(kali) :"))
7
8 abonemen = 20000
9 biaya_cakap = percakapan * 1000
10 biaya_sms = sms * 300
11 tagihan = abonemen + biaya_cakap + biaya_sms
12
13 print("=====TAGIHAN=====")
14 print(f"Abonemen :RP. {abonemen}")
15 print(f"Biaya percakapan :RP. {biaya_cakap}")
16 print(f"Biaya sms :RP. {biaya_sms}")
17 print(f"Total Tagihan :RP. {tagihan}")
18 print ("=====")
```

The terminal window shows the execution of the script. It prompts the user for input and displays the calculated total bill.

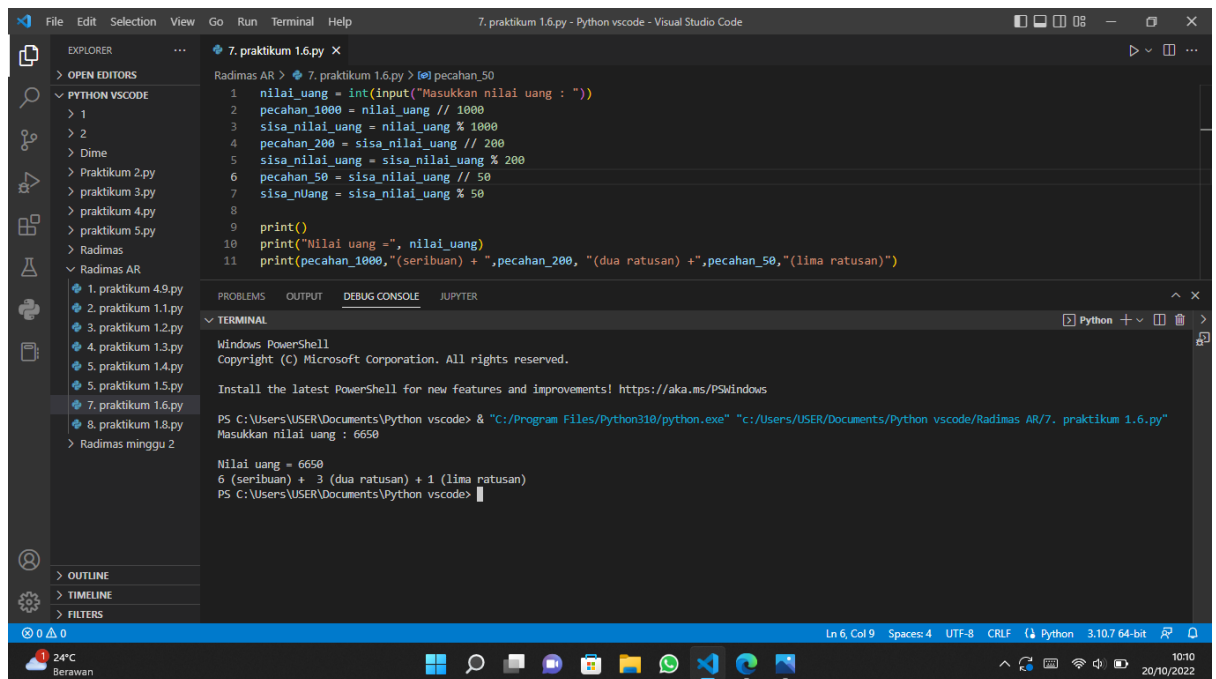
```
Windows PowerShell
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PS C:\Users\USER\Documents\Python vscode> & "C:/Program Files/Python310/python.exe" "c:/Users/USER/Documents/Python vscode/Radimas AR/5. praktikum 1.4.py"

PROGRAM MENGHITUNG TAGIHAN TELPON
=====
DATA PELANGGAN
Nama pelanggan      : Bune
percakapan(menit)   : 5
sms(kali)           : 3
=====TAGIHAN=====
Abonemen            :RP. 20000
Biaya percakapan     :RP. 5000
Biaya sms            :RP. 900
Total Tagihan       :RP. 25900
=====
PS C:\Users\USER\Documents\Python vscode>
```

## 6. Praktikum 1.6



The screenshot shows the Visual Studio Code interface with a Python file named `7. praktikum 1.6.py` open. The code is a Python script that calculates the remaining amount after a purchase. It takes user input for the initial amount and the number of items purchased. It then calculates the remaining amount based on the price of each item and prints the results.

```
1 nilai_uang = int(input("Masukkan nilai uang : "))
2 pecahan_1000 = nilai_uang // 1000
3 sisa_nilai_uang = nilai_uang % 1000
4 pecahan_200 = sisa_nilai_uang // 200
5 sisa_nilai_uang = sisa_nilai_uang % 200
6 pecahan_50 = sisa_nilai_uang // 50
7 sisa_nuang = sisa_nilai_uang % 50
8
9 print()
10 print("Nilai uang =", nilai_uang)
11 print(pecahan_1000,"(seribuan) + ",pecahan_200,"(dua ratusan) + ",pecahan_50,"(lima ratusan)")
```

The terminal window shows the execution of the script. It prompts the user for input and displays the calculated remaining amount.

```
Windows PowerShell
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PS C:\Users\USER\Documents\Python vscode> & "C:/Program Files/Python310/python.exe" "c:/Users/USER/Documents/Python vscode/Radimas AR/7. praktikum 1.6.py"
Masukkan nilai uang : 6650

Nilai uang = 6650
6 (seribuan) + 3 (dua ratusan) + 1 (lima ratusan)
PS C:\Users\USER\Documents\Python vscode>
```