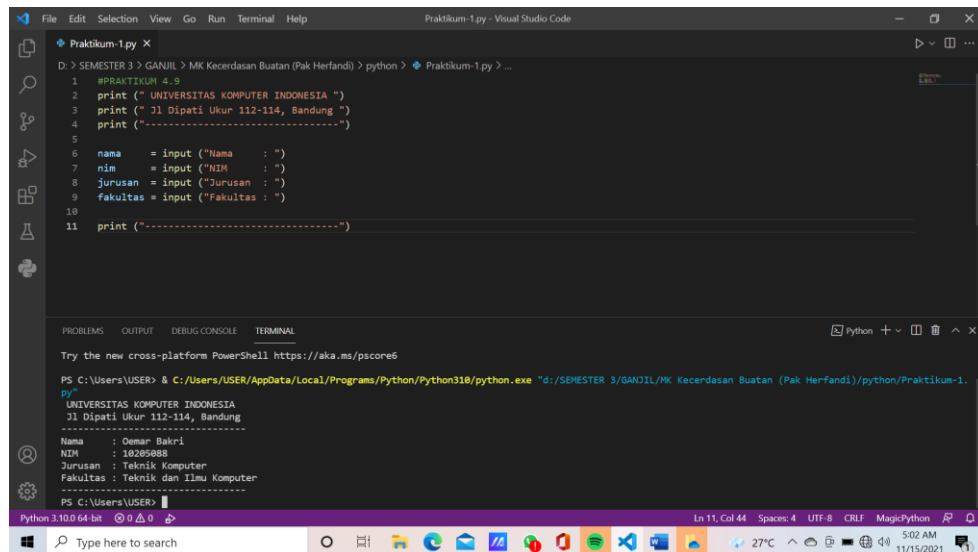


Nama : Wulandari
Nim : 20.01.013.019
MK : Kecerdasan Buatan

TUGAS PRAKTIKUM 1

1. Program menampilkan sesuai dengan output praktikum 4.9

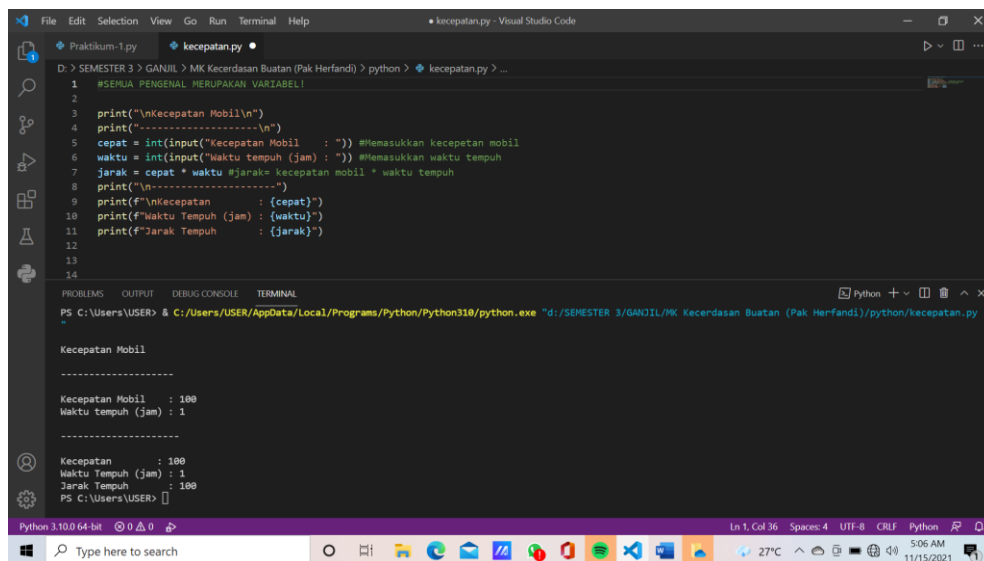


```
File Edit Selection View Go Run Terminal Help
Praktikum-1.py - Visual Studio Code

Praktikum-1.py X
D:\SEMESTER 3 > GANJIL > MK Kecerdasan Buatan (Pak Herfandi) > python > Praktikum-1.py > ...
1 #PRAKTIKUM 4.9
2 print(" UNIVERSITAS KOMPUTER INDONESIA ")
3 print(" Jl Dipati Ukur 112-114, Bandung ")
4 print("-----")
5
6 nama = input("Nama : ")
7 nim = input("NIM : ")
8 jurusan = input("Jurusan : ")
9 fakultas = input("Fakultas : ")
10
11 print("-----")

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
Python Python + - - - - -
Try the new cross-platform PowerShell https://aka.ms/pscore6
PS C:\Users\USER> & C:\Users\USER\AppData\Local\Programs\Python\Python310\python.exe "d:/SEMESTER 3/GANJIL/MK Kecerdasan Buatan (Pak Herfandi)/python/Praktikum-1.py"
UNIVERSITAS KOMPUTER INDONESIA
Jl Dipati Ukur 112-114, Bandung
-----
Nama : Oemar Bakri
NIM : 18265888
Jurusan : Teknik Komputer
Fakultas : Teknik dan Ilmu Komputer
-----
PS C:\Users\USER>
```

2. Program yang menampilkan jarak tempuh suatu mobil

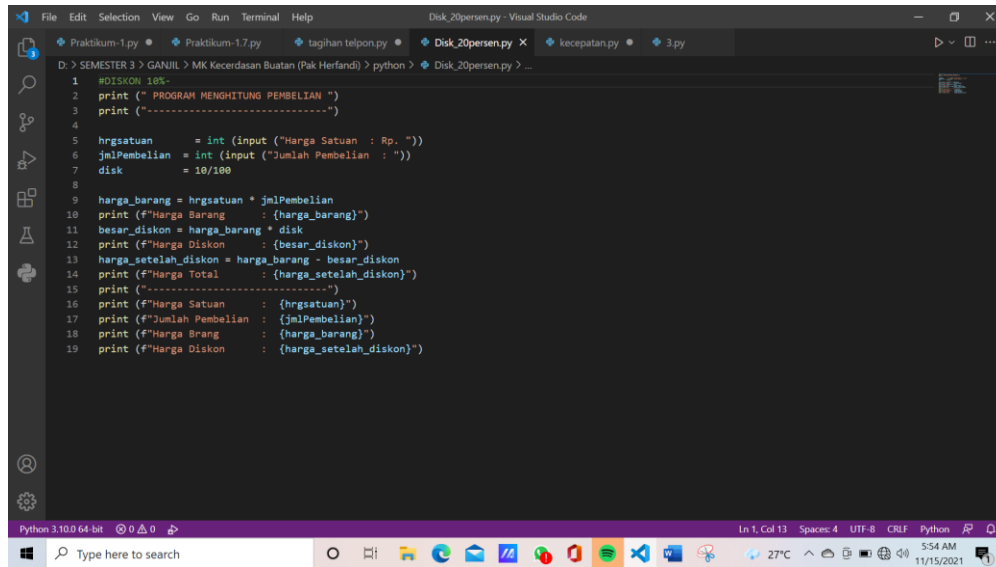


```
File Edit Selection View Go Run Terminal Help
kecepatan.py - Visual Studio Code

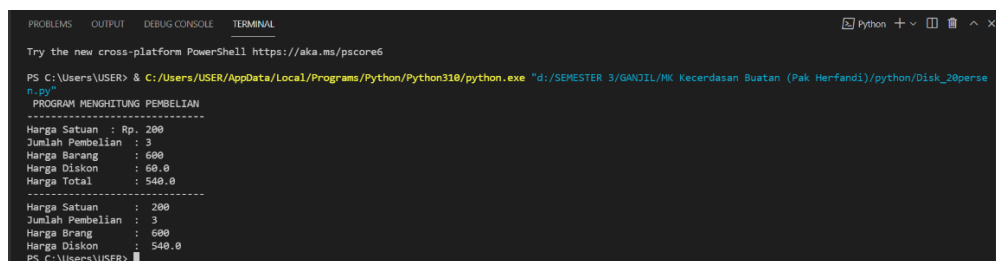
Praktikum-1.py X
D:\SEMESTER 3 > GANJIL > MK Kecerdasan Buatan (Pak Herfandi) > python > kecepatan.py > ...
1 #SEMUA PENGENAL MERUPAKAN VARIABEL
2
3 print("\nKecepatan Mobil\n")
4 print("-----\n")
5 cepat = int(input("Kecepatan Mobil : ")) #Masukkan kecepatan mobil
6 waktu = int(input("Waktu tempuh (jam) : ")) #Masukkan waktu tempuh
7 jarak = cepat * waktu #jarak= kecepatan mobil * waktu tempuh
8 print("\n-----")
9 print(f"Kecepatan : {cepat}")
10 print(f"Waktu Tempuh (jam) : {waktu}")
11 print(f"Jarak Tempuh : {jarak}")
12
13
14

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
Python Python + - - - - -
PS C:\Users\USER> & C:\Users\USER\AppData\Local\Programs\Python\Python310\python.exe "d:/SEMESTER 3/GANJIL/MK Kecerdasan Buatan (Pak Herfandi)/python/kecepatan.py"
Kecepatan Mobil
-----
Kecepatan Mobil : 100
Waktu tempuh (jam) : 1
-----
Kecepatan : 100
Waktu Tempuh (jam) : 1
Jarak Tempuh : 100
PS C:\Users\USER>
```

3. Program menghitung harga pembelian buku dengan diketahui harga buku diskon 10%

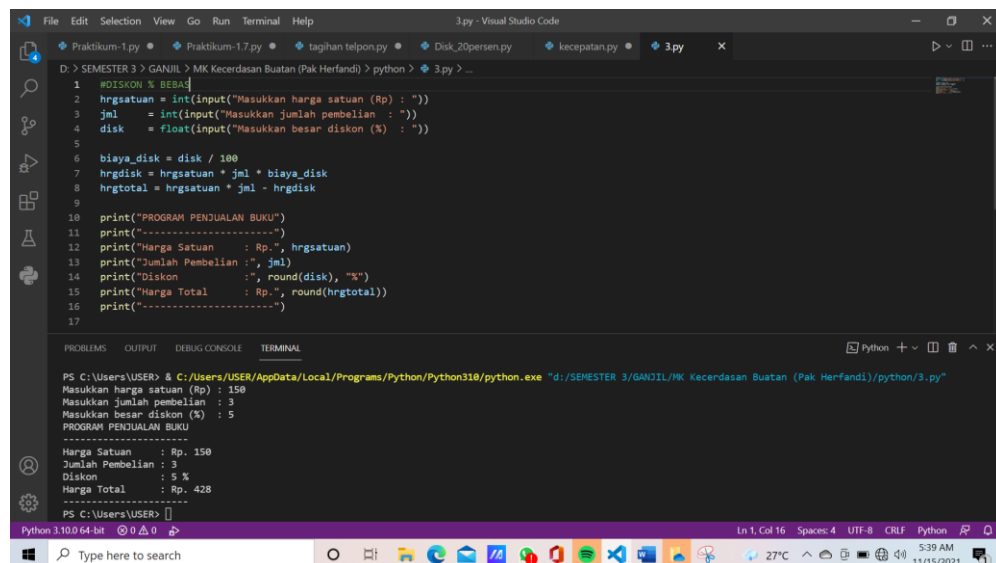


```
File Edit Selection View Go Run Terminal Help
Disk_20persen.py - Visual Studio Code
Praktikum-1.py • Praktikum-1.7.py • tagihan telpon.py • Disk_20persen.py x • kecepatan.py • 3.py
D:\> SEMESTER 3 > GANIL > MK Kecerdasan Buatan (Pak Herfandi) > python > Disk_20persen.py > ...
1 #DISKON 10%-
2 print (" PROGRAM MENGHITUNG PEMBELIAN ")
3 print ("-----")
4
5 hrgsatuan = int(input("Harga Satuan : Rp. "))
6 jmlPembelian = int(input("Jumlah Pembelian : "))
7 disk = 10/100
8
9 harga_barang = hrgsatuan * jmlPembelian
10 print(f"Harga Barang : {harga_barang}")
11 besar_diskon = harga_barang * disk
12 print(f"Harga Diskon : {besar_diskon}")
13 harga_setelah_diskon = harga_barang - besar_diskon
14 print(f"Harga Total : {harga_setelah_diskon}")
15 print ("-----")
16 print(f"Harga Satuan : {hrgsatuan}")
17 print(f"Jumlah Pembelian : {jmlPembelian}")
18 print(f"Harga Brang : {harga_barang}")
19 print(f"Harga Diskon : {harga_setelah_diskon}")
Python 3.10.0 64-bit
Type here to search
```



```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
Try the new cross-platform PowerShell https://aka.ms/powershell
PS C:\Users\USER> & C:/Users/USER/AppData/Local/Programs/Python/Python310/python.exe "d:/SEMESTER 3/GANIL/MK Kecerdasan Buatan (Pak Herfandi)/python/Disk_20persen.py"
PROGRAM MENGHITUNG PEMBELIAN
-----
Harga Satuan : Rp. 200
Jumlah Pembelian : 3
Harga Barang : 600
Harga Diskon : 60.0
Harga Total : 540.0
-----
Harga Satuan : 200
Jumlah Pembelian : 3
Harga Brang : 600
Harga Diskon : 540.0
PS C:\Users\USER>
```

4. Program menghitung harga pembelian buku



```
File Edit Selection View Go Run Terminal Help
3.py - Visual Studio Code
Praktikum-1.py • Praktikum-1.7.py • tagihan telpon.py • Disk_20persen.py • kecepatan.py • 3.py x
D:\> SEMESTER 3 > GANIL > MK Kecerdasan Buatan (Pak Herfandi) > python > 3.py > ...
1 #DISKON % BEBA
2 hrgsatuan = int(input("Masukkan harga satuan (Rp) : "))
3 jml = int(input("Masukkan jumlah pembelian : "))
4 disk = float(input("Masukkan besar diskon (%) : "))
5
6 biaya_disk = disk / 100
7 hrgdisk = hrgsatuan * jml * biaya_disk
8 hrgtotal = hrgsatuan * jml - hrgdisk
9
10 print("PROGRAM PENJUALAN BUKU")
11 print("-----")
12 print("Harga Satuan : Rp.", hrgsatuan)
13 print("Jumlah Pembelian : ", jml)
14 print("Diskon : ", round(disk), "%")
15 print("Harga Total : Rp.", round(hrgtotal))
16 print("-----")
17
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
PS C:\Users\USER> & C:/Users/USER/AppData/Local/Programs/Python/Python310/python.exe "d:/SEMESTER 3/GANIL/MK Kecerdasan Buatan (Pak Herfandi)/python/3.py"
Masukkan harga satuan (Rp) : 150
Masukkan jumlah pembelian : 3
Masukkan besar diskon (%) : 5
PROGRAM PENJUALAN BUKU
-----
Harga Satuan : Rp. 150
Jumlah Pembelian : 3
Diskon : 5 %
Harga Total : Rp. 428
-----
PS C:\Users\USER>
```

5. Program menghitung besar tagihan telepon

The screenshot shows a Windows desktop with a Visual Studio Code editor window open. The editor window displays a Python script for calculating a telephone bill. The script prompts for customer name, minutes, and SMS count, then calculates the total bill based on a base fee, per-minute charge, and per-SMS charge. The taskbar at the bottom shows the Start button, search bar, and various application icons.

Visual Studio Code Editor Content:

```

1 #TAGIHAN TELEPON
2
3 print("\nPROGRAM MENGHITUNG TAGIHAN TELEPON\n")
4 print("-----\n")
5 print("DATA PELANGGAN")
6 nama = input      ("Nama Pelanggan      : ")
7 Percakapan = int(input("Percakapan (menit) : ")
8 sms = int(input    ("SMS              : "))
9
10 abonemen = 20000
11 by_cakap = Percakapan * 1000
12 by_sms = sms * 300
13 tagihan = abonemen + by_cakap + by_sms
14 print("\n-----\n")
15 print("TAGIHAN")
16 print(f"Abonemen      : Rp.{abonemen}")
17 print(f"Biaya Percakapan : Rp.{by_cakap}")
18 print(f"Biaya SMS      : Rp.{by_sms}")
19 print(f"Total Tagihan  : Rp.{tagihan}")
20 print("\n-----\n")
21

```

Windows Taskbar:

- Search bar: Type here to search
- Taskbar icons: Start button, Edge, File Explorer, Microsoft Store, Visual Studio Code, Telegram, WhatsApp, Google Chrome, Microsoft Edge, Microsoft Word, Microsoft Excel, Microsoft PowerPoint, Microsoft Teams, Microsoft OneDrive, Microsoft Outlook, Microsoft Teams, Microsoft OneDrive, Microsoft Outlook, Microsoft Teams, Microsoft OneDrive, Microsoft Outlook.
- System tray: 27°C, 11/15/2021, 6:07 AM.

```

PROBLEMS    OUTPUT    DEBUG CONSOLE    TERMINAL
Python + v [] ^ x

PS C:\Users\USER> & C:\Users\USER\AppData\Local\Programs\Python\Python310\python.exe "d:/SEMIESTER 3/GANJIL/MK Kecerdasan Buatan (Pak Herfandi)/python/tagihan telep.py"

PROGRAM MENGHITUNG TAGIHAN TELEPON

-----

DATA PELANGGAN
Nama Pelanggan      : Mulandari
Percakapan (menit)  : 20
SMS                  : 12

-----

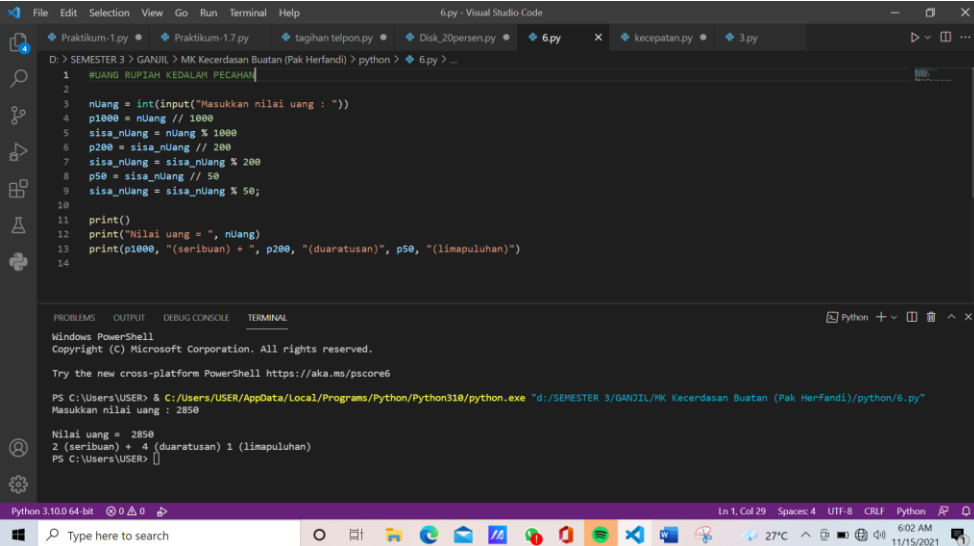
TAGIHAN
Abonemen             : Rp.20000
Biaya Percakapan     : Rp.20000
Biaya SMS            : Rp.3600
Total Tagihan        : Rp.43600

-----

PS C:\Users\USER>

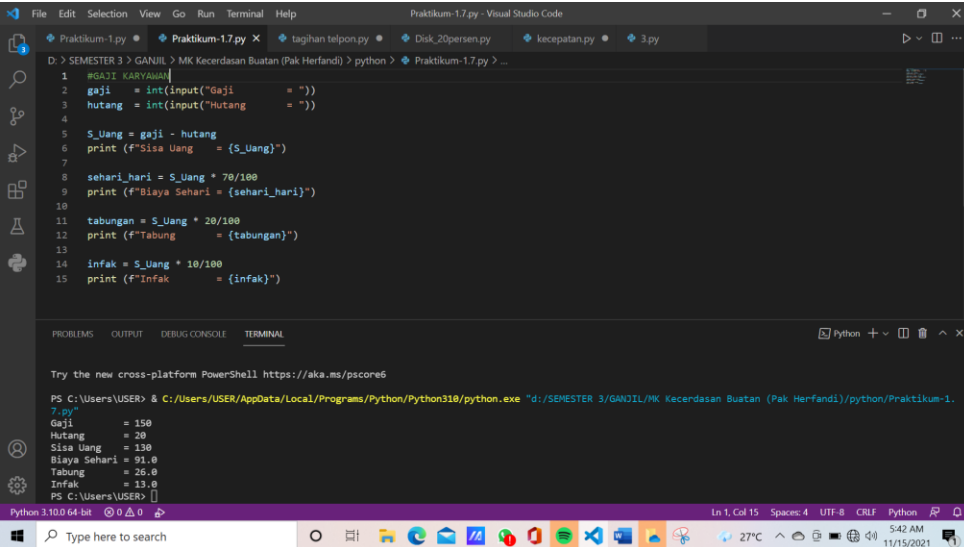
```

6. Program gaji karyawan



```
File Edit Selection View Go Run Terminal Help
6.py - Visual Studio Code
Praktikum-1.py • Praktikum-1.7.py • tagihan telpon.py • Disk_20persen.py • 6.py • kecepatan.py • 3.py
D:\SEMESTER 3\GANJIL> MK Kecerdasan Buatan (Pak Herfandi) > python > 6.py > ...
1 #UANG RUPIAH KEDALAM PECAHAN
2
3 nUang = int(input("Masukkan nilai uang : "))
4 p1000 = nUang // 1000
5 sisa_nUang = nUang % 1000
6 p200 = sisa_nUang // 200
7 sisa_nUang = sisa_nUang % 200
8 p50 = sisa_nUang // 50
9 sisa_nUang = sisa_nUang % 50
10
11 print()
12 print("Nilai uang = ", nUang)
13 print(p1000, "(seribuan) + ", p200, "(duaratusan)", p50, "(limapuluhan)")
14
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.
Try the new cross-platform PowerShell https://aka.ms/pscore6
PS C:\Users\USER> & C:/Users/USER/AppData/Local/Programs/Python/Python310/python.exe "d:/SEMESTER 3/GANJIL/MK Kecerdasan Buatan (Pak Herfandi)/python/6.py"
Masukkan nilai uang : 2850
Nilai uang = 2850
2 (seribuan) + 4 (duaratusan) 1 (limapuluhan)
PS C:\Users\USER>
Python 3.10.0 64-bit 0 0 0
Type here to search 27°C 6:02 AM 11/15/2021
```

7. Program pembagian keuangan pegawai



```
File Edit Selection View Go Run Terminal Help
Praktikum-1.7.py - Visual Studio Code
Praktikum-1.py • Praktikum-1.7.py • tagihan telpon.py • Disk_20persen.py • kecepatan.py • 3.py
D:\SEMESTER 3\GANJIL> MK Kecerdasan Buatan (Pak Herfandi) > python > Praktikum-1.7.py > ...
1 #GAJI KARYAWAN
2 gaji = int(input("Gaji = "))
3 hutang = int(input("Hutang = "))
4
5 S_Uang = gaji - hutang
6 print(f"Sisa Uang = {S_Uang}")
7
8 sehari_hari = S_Uang * 70/100
9 print(f"Biaya Sehari = {sehari_hari}")
10
11 tabungan = S_Uang * 20/100
12 print(f"Tabung = {tabungan}")
13
14 infak = S_Uang * 10/100
15 print(f"Infak = {infak}")
16
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
Try the new cross-platform PowerShell https://aka.ms/pscore6
PS C:\Users\USER> & C:/Users/USER/AppData/Local/Programs/Python/Python310/python.exe "d:/SEMESTER 3/GANJIL/MK Kecerdasan Buatan (Pak Herfandi)/python/Praktikum-1.7.py"
Gaji = 150
Hutang = 20
Sisa Uang = 130
Biaya Sehari = 91.0
Tabung = 26.0
Infak = 13.0
PS C:\Users\USER>
Python 3.10.0 64-bit 0 0 0
Type here to search 27°C 5:42 AM 11/15/2021
```