

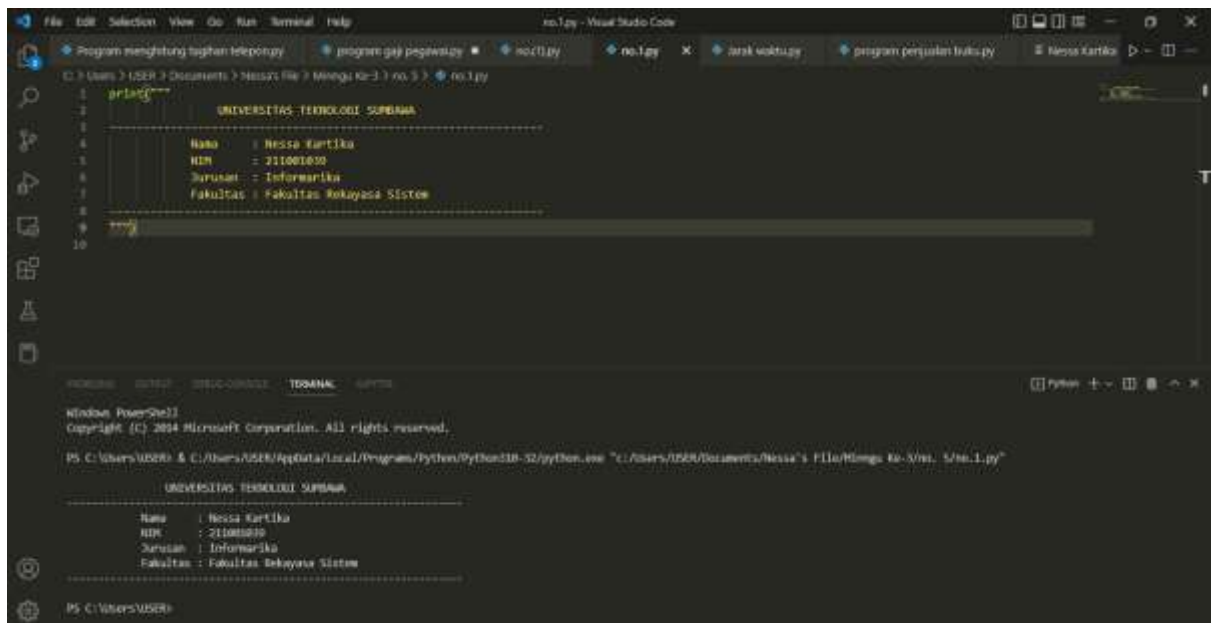
## Tugas Book Praktikum 1

Nama : Nessa Kartika

NIM : 211001039

Kelas : 3D Informatika

1.)



```
File Edit Selection View Go Run Terminal Help
no.1.py - Visual Studio Code
Program menghitung tgl dan telepon.py program gaji pegawai.py no.1.py no.1.py jarak waktu.py program perulangan buku.py Nessa Kartika
C:\Users\USER\Documents>Nessa's File\Minggu ke-3>no.1>no.1.py
1 print("""
2     UNIVERSITAS TEKNOLOGI SUPANAWA
3
4     Nama : Nessa Kartika
5     NIM : 211001039
6     Jurusan : Informatika
7     Fakultas : Fakultas Rekayasa Sistem
8
9 """)
10
```

```
Windows PowerShell
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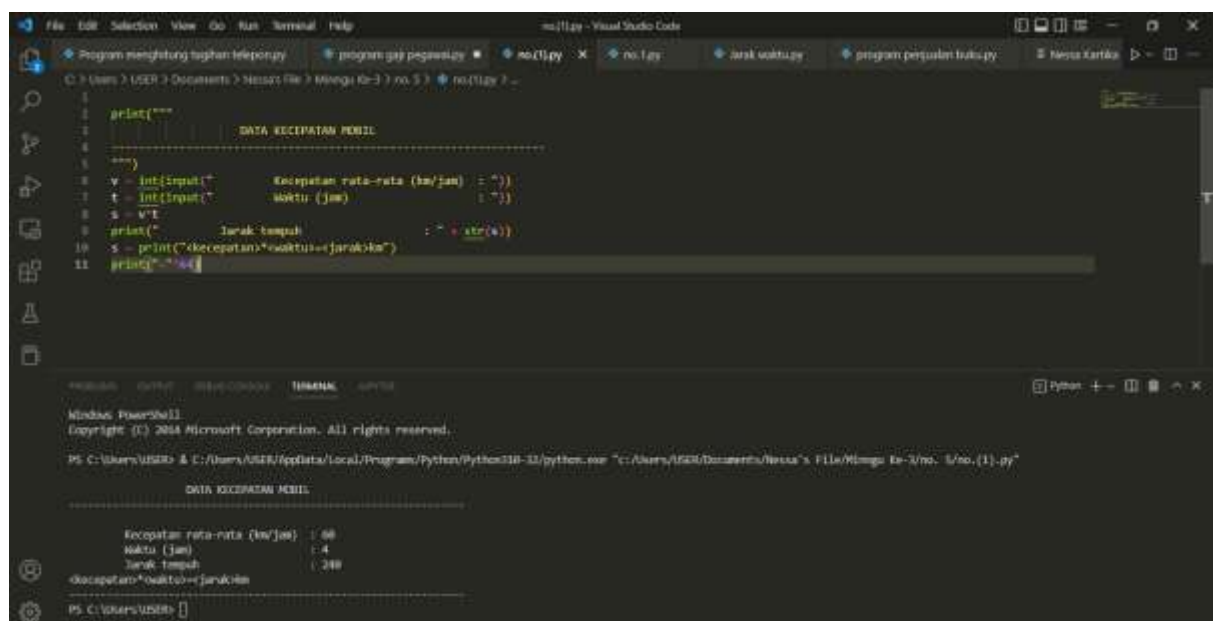
PS C:\Users\USER> & C:/Users/USER/AppData/Local/Program/Python/Python310-32/python.exe "C:/Users/USER/Documents/Nessa's File/Minggu ke-3/no. 1/no.1.py"

UNIVERSITAS TEKNOLOGI SUPANAWA

-----
Nama : Nessa Kartika
NIM : 211001039
Jurusan : Informatika
Fakultas : Fakultas Rekayasa Sistem
-----

PS C:\Users\USER>
```

### 1. DATA KECEPATAN MOBIL



```
File Edit Selection View Go Run Terminal Help
no.1(1).py - Visual Studio Code
Program menghitung tgl dan telepon.py program gaji pegawai.py no.1.py no.1.py jarak waktu.py program perulangan buku.py Nessa Kartika
C:\Users\USER\Documents>Nessa's File\Minggu ke-3>no.1>no.1(1).py
1
2 print("""
3     DATA KECEPATAN MOBIL
4
5 """)
6
7 v = int(input("Kecepatan rata-rata (km/jam) : "))
8 t = int(input("Waktu (jam) : "))
9 s = v*t
10 print("Jarak tempuh : " + str(s))
11 s = print("kecepatan*waktu==jarak/km")
12 print("\n")
```

```
Windows PowerShell
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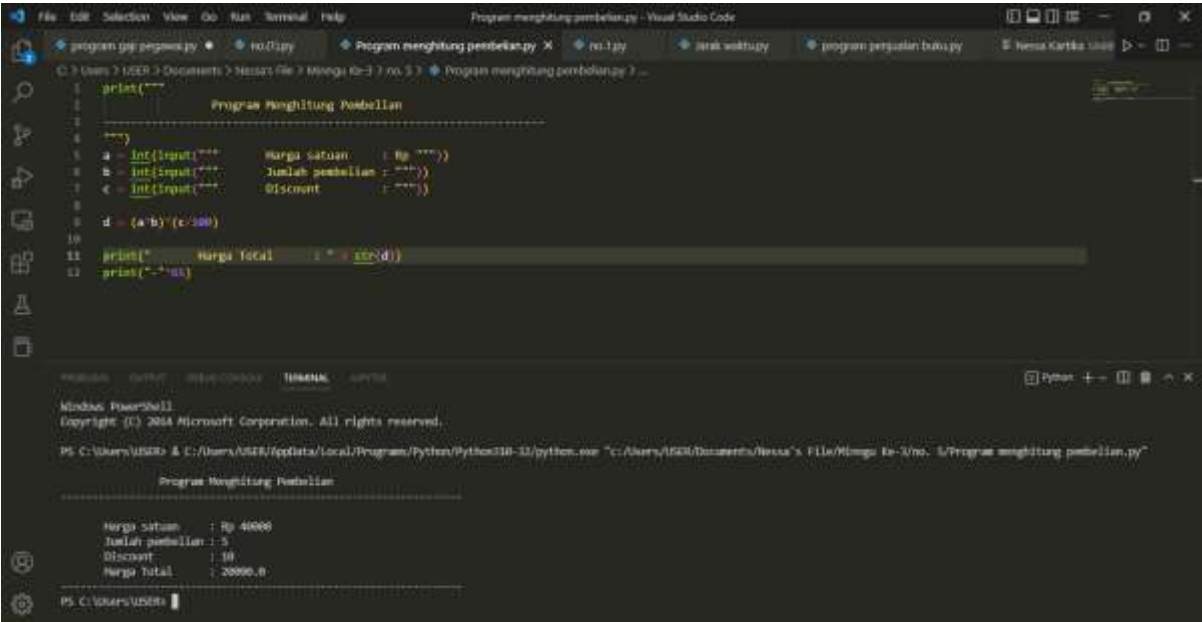
PS C:\Users\USER> & C:/Users/USER/AppData/Local/Program/Python/Python310-32/python.exe "C:/Users/USER/Documents/Nessa's File/Minggu ke-3/no. 1/no.1(1).py"

DATA KECEPATAN MOBIL

-----
Kecepatan rata-rata (km/jam) : 60
Waktu (jam) : 4
Jarak tempuh : 240
kecepatan*waktu==jarak/km
-----

PS C:\Users\USER>
```

## 2. PROGRAM MENGHITUNG PEMBELIAN



```
1 print("""
2     Program Menghitung Pembelian
3 """)
4
5 a = int(input("Marga satuan : Rp """))
6 b = int(input("Jumlah pembelian : """))
7 c = int(input("Discount : """))
8
9 d = (a*b)*(c/100)
10
11 print("    Harga Total : " + str(d))
12 print("\n")
```

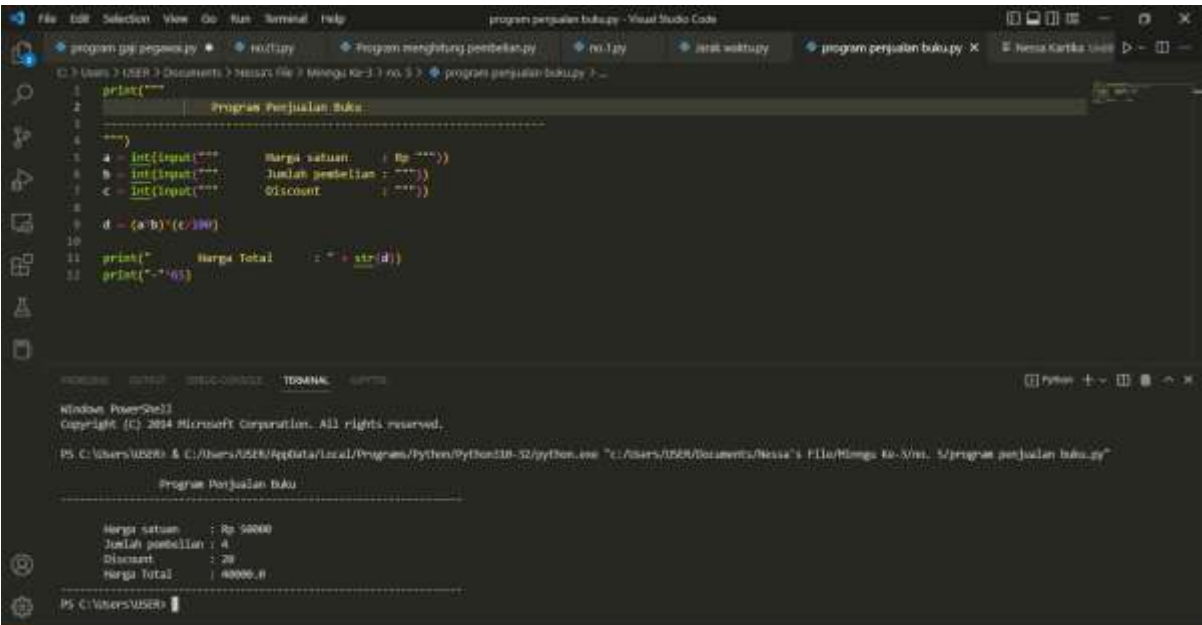
Windows PowerShell  
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PS C:\Users\USER> & C:\Users\USER\AppData\Local\Program\Python\Python310-32\python.exe "C:\Users\USER\Documents\Nessa's File\Minggu ke-3\No. 5\Program menghitung pembelian.py"

Program Menghitung Pembelian

Harga satuan : Rp 40000  
Jumlah pembelian : 5  
Discount : 10  
Harga Total : 20000.0

PS C:\Users\USER>

## 3. PROGRAM PENJUALAN BUKU



```
1 print("""
2     Program Penjualan Buku
3 """)
4
5 a = int(input("Marga satuan : Rp """))
6 b = int(input("Jumlah pembelian : """))
7 c = int(input("Discount : """))
8
9 d = (a*b)*(c/100)
10
11 print("    Harga Total : " + str(d))
12 print("\n")
```

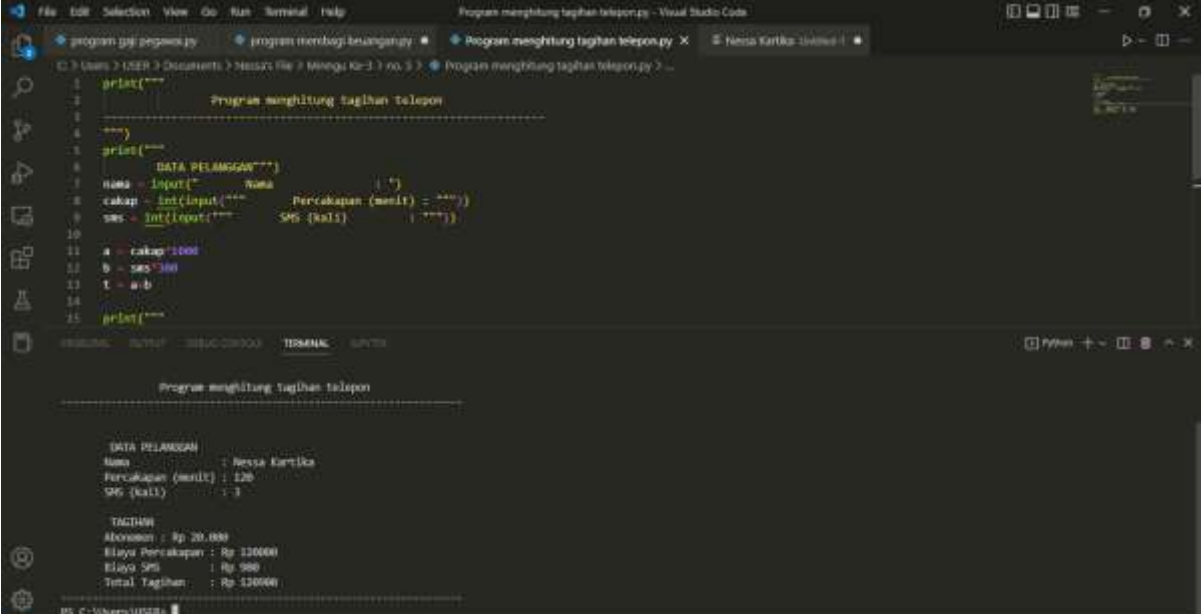
Windows PowerShell  
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PS C:\Users\USER> & C:\Users\USER\AppData\Local\Program\Python\Python310-32\python.exe "C:\Users\USER\Documents\Nessa's File\Minggu ke-3\No. 5\program penjualan buku.py"

Program Penjualan Buku

Harga satuan : Rp 50000  
Jumlah pembelian : 4  
Discount : 20  
Harga Total : 40000.0

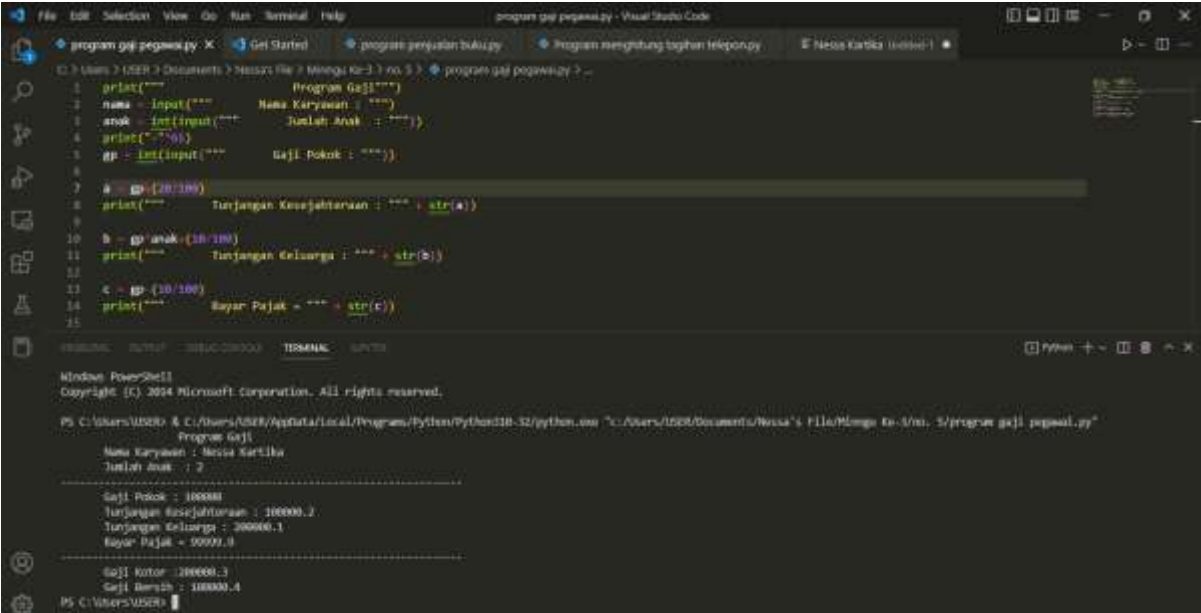
PS C:\Users\USER>

#### 4. PROGRAM MENGHITUNG TAGIHAN TELEPON



```
1 print("""
2     Program menghitung tagihan telepon
3 """)
4
5 print("""
6     DATA PELANGGAN
7 """)
8 nama = input("    Nama      ( ) : ")
9 durasi = int(input("    Percakapan (menit) : """))
10 sms = int(input("    SMS (kali) : """))
11
12 a = durasi * 1000
13 b = sms * 300
14 t = a + b
15 print("""
16
17     Program menghitung tagihan telepon
18
19     DATA PELANGGAN
20     Nama      : Nissa Kartika
21     Percakapan (menit) : 120
22     SMS (kali) : 3
23
24     TAGIHAN
25     Abonemen : Rp 20.000
26     Biaya Percakapan : Rp 120000
27     Biaya SMS : Rp 900
28     Total Tagihan : Rp 120900
29 """)
```

#### 5. PROGRAM GAJI PEGAWAI



```
1 print("""
2     Program Gaji
3 """)
4 nama = input("    Nama Karyawan : """)
5 anak = int(input("    Jumlah Anak : """))
6 gaji = int(input("    Gaji Pokok : """))
7
8 a = gaji * (10/100)
9 print("    Tunjangan Kesejahteraan : " + str(a))
10
11 b = gaji * anak * (10/100)
12 print("    Tunjangan Keluarga : " + str(b))
13
14 c = gaji * (10/100)
15 print("    Bayar Pajak : " + str(c))
16
17 gaji_kotor = gaji + a + b
18 gaji_bersih = gaji_kotor - c
```

Microsoft PowerShell  
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PS C:\Users\USER> & C:\Users\USER\AppData\Local\Programs\Python\Python38-32\python.exe "C:\Users\USER\Documents\Nissa's File\Minggu ke-3\4\program gaji pegawai.py"

```
Program Gaji
Nama Karyawan : Nissa Kartika
Jumlah Anak : 2

Gaji Pokok : 100000
Tunjangan Kesejahteraan : 10000.0
Tunjangan Keluarga : 20000.0
Bayar Pajak : 9999.9

Gaji Kotor : 120000.0
Gaji Bersih : 100000.0
```

The screenshot shows the Visual Studio Code interface with a Python file named `program_membagi_kuangang.py` open. The code defines variables `g` (initial amount), `h` (monthly savings), `a` (monthly interest rate), `b` (monthly savings amount), and `c` (total interest). It uses `input()` for user input and `print()` for output.

```

1 g = int(input("??"))  gajl : ???
2 h = int(input("??"))  hutang : ???
3
4 a = (g * h / 5) / (70 / 100)
5 print("??")          Sisa sehari-hari : ?? + str(a)
6
7 b = a * (20 / 100)
8 print("??")          Tabungan : ?? + str(b)
9
10 c = a * b * (10 / 100)
11 print("??")          Infak : ?? + str(c)

```

The terminal window at the bottom shows the execution of the program. It prompts for `gajl` (100000), `hutang` (50000), `Sisa sehari-hari` (1285714.2857142857), `Tabungan` (128571.42857142857), and `Infak` (6.4000000000000007).