

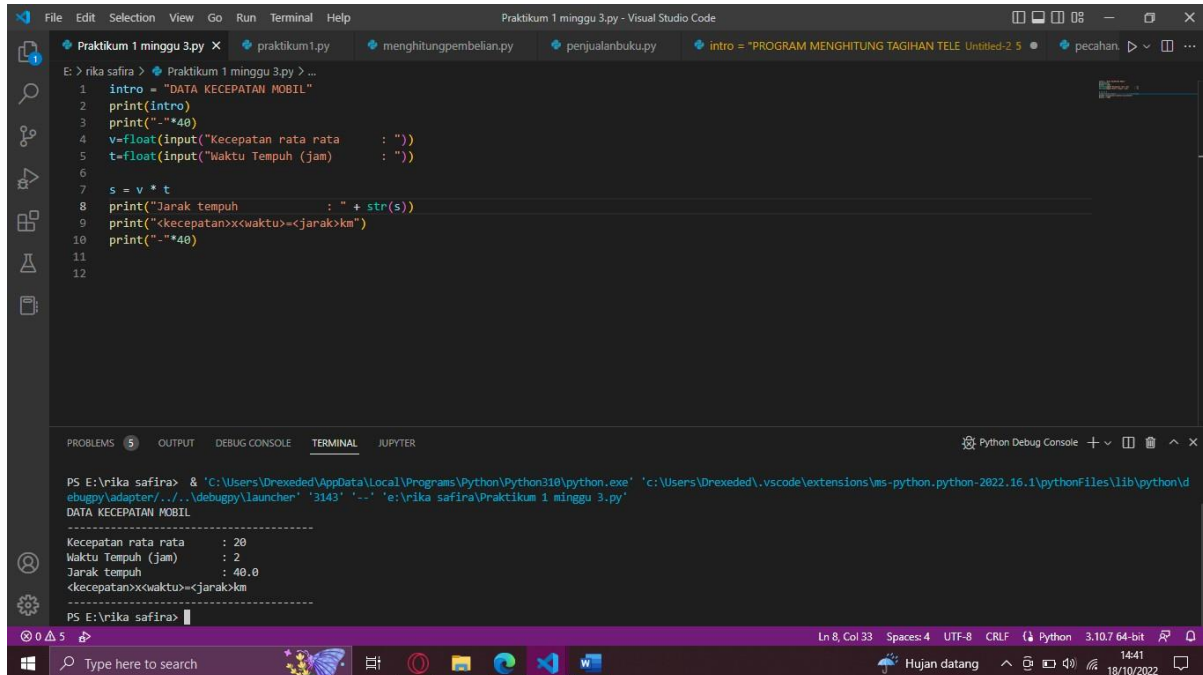
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Kelas : Pemrograman python

NIM : 19.01.013.087

BOOK PRAKTIKUM 1

1). DATA KECEPATAN MOBIL



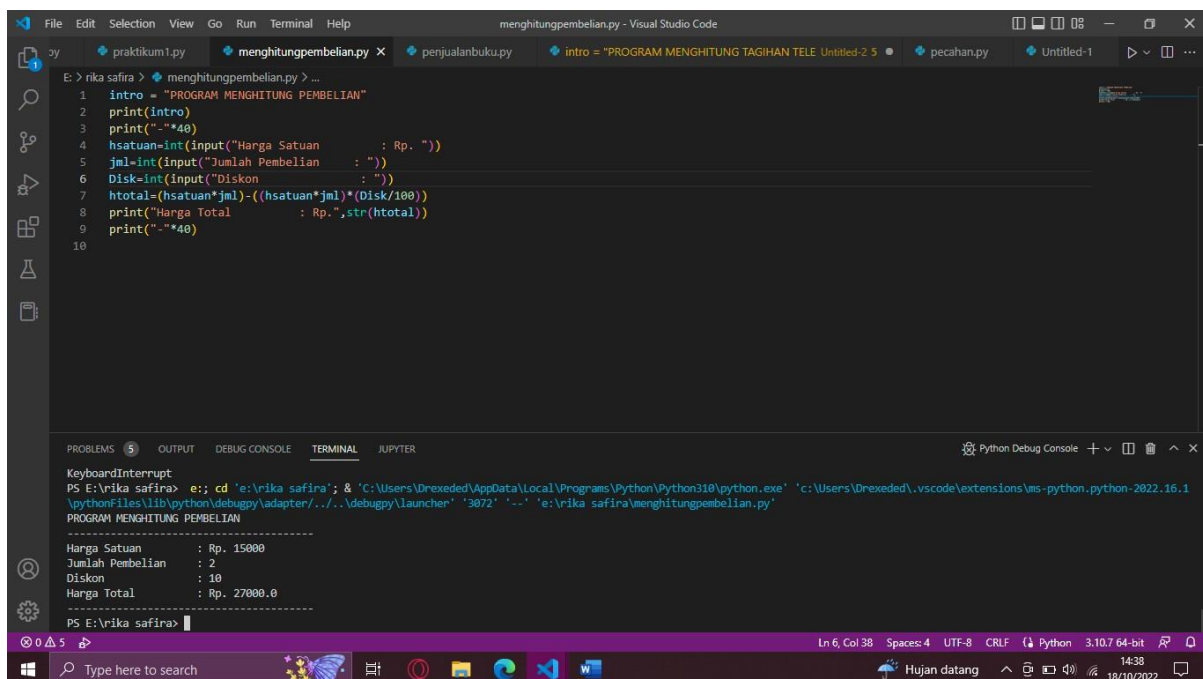
The screenshot shows a Visual Studio Code editor with a Python file named 'Praktikum 1 minggu 3.py'. The code calculates distance based on speed and time. The terminal output shows the program running successfully with the following input and output:

```
1 intro = "DATA KECEPATAN MOBIL"
2 print(intro)
3 print("-"*40)
4 v=float(input("Kecepatan rata rata      : "))
5 t=float(input("Waktu Tempuh (jam)      : "))
6
7 s = v * t
8 print("Jarak tempuh      : " + str(s))
9 print("<kecepatan>x<waktu>=<jarak>km")
10 print("-"*40)
11
12
```

Terminal Output:

```
PS E:\rika safira> & 'C:\Users\Drexeded\AppData\Local\Programs\Python\Python310\python.exe' 'c:\Users\Drexeded\.vscode\extensions\ms-python.python-2022.16.1\pythonFiles\lib\python\debugpy\adapter\..\..\debugpy\launcher' '3143' '--' 'e:\rika safira\Praktikum 1 minggu 3.py'
DATA KECEPATAN MOBIL
-----
Kecepatan rata rata      : 20
Waktu Tempuh (jam)      : 2
Jarak tempuh      : 40.0
<kecepatan>x<waktu>=<jarak>km
-----
PS E:\rika safira>
```

2). PROGRAM MENGHITUNG PEMBELIAN



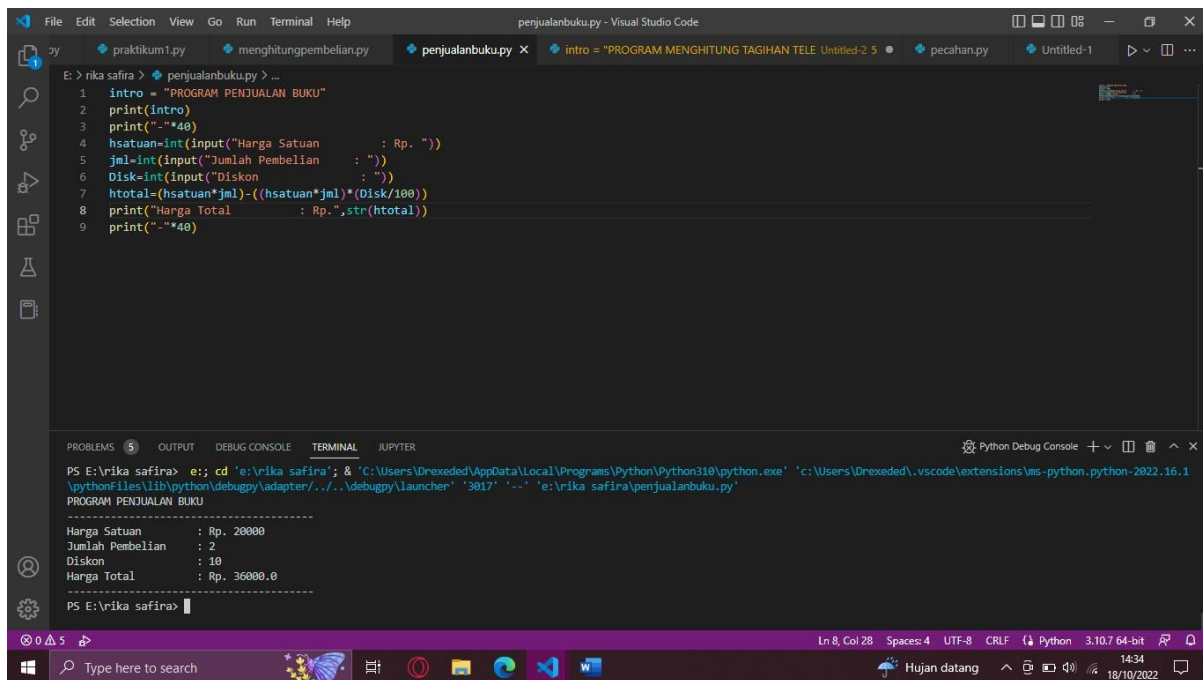
The screenshot shows a Visual Studio Code editor with a Python file named 'menghitungpembelian.py'. The code calculates the total price of a purchase, including a discount. The terminal output shows the program running successfully with the following input and output:

```
1 intro = "PROGRAM MENGHITUNG PEMBELIAN"
2 print(intro)
3 print("-"*40)
4 hsatuan=int(input("Harga Satuan      : Rp. "))
5 jml=int(input("Jumlah Pembelian      : "))
6 Diskon=int(input("Diskon      : "))
7 httotal=(hsatuan*jml)-((hsatuan*jml)*(Diskon/100))
8 print("Harga Total      : Rp.",str(httotal))
9 print("-"*40)
10
```

Terminal Output:

```
KeyboardInterrupt
PS E:\rika safira> e; cd 'e:\rika safira'; & 'C:\Users\Drexeded\AppData\Local\Programs\Python\Python310\python.exe' 'c:\Users\Drexeded\.vscode\extensions\ms-python.python-2022.16.1\pythonFiles\lib\python\debugpy\adapter\..\..\debugpy\launcher' '3072' '--' 'e:\rika safira\menghitungpembelian.py'
PROGRAM MENGHITUNG PEMBELIAN
-----
Harga Satuan      : Rp. 15000
Jumlah Pembelian      : 2
Diskon      : 10
Harga Total      : Rp. 27000.0
-----
PS E:\rika safira>
```

3). PROGRAM PENJUALAN



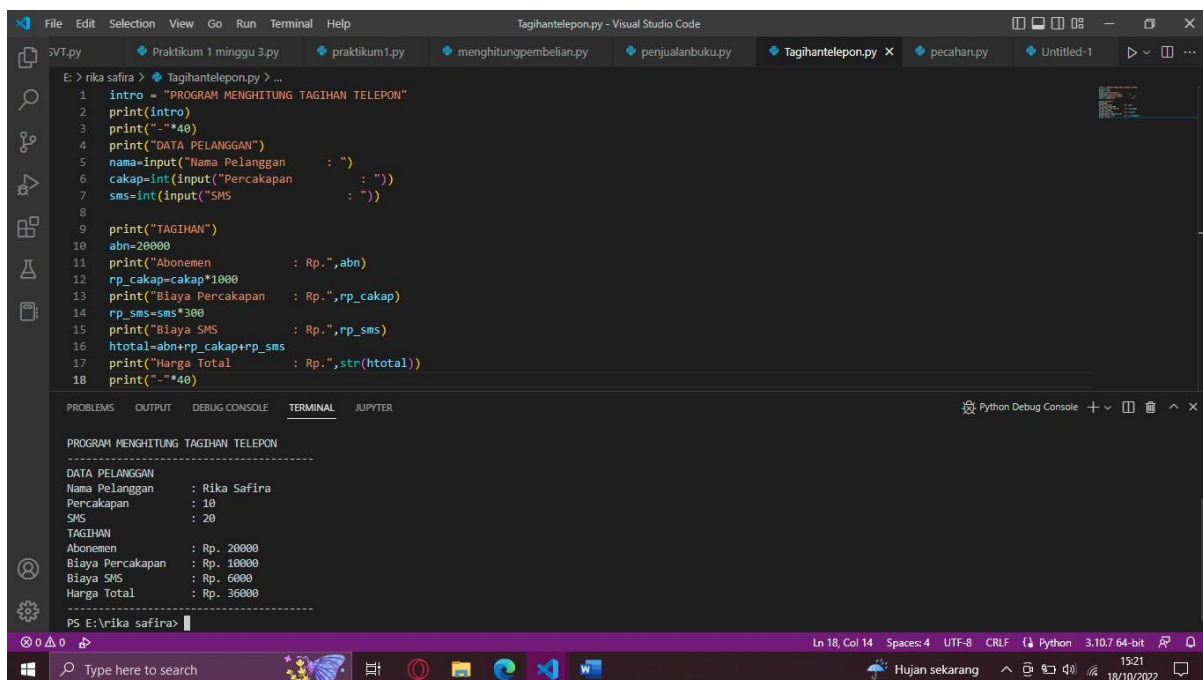
```
File Edit Selection View Go Run Terminal Help
penjualanbuku.py - Visual Studio Code

E: > nika safira > penjualanbuku.py > ...
1 intro = "PROGRAM PENJUALAN BUKU"
2 print(intro)
3 print("-"*40)
4 hsatuan=int(input("Harga Satuan      : Rp. "))
5 jml=int(input("Jumlah Pembelian    : "))
6 Disk=int(input("Diskon              : "))
7 httotal=(hsatuan*jml)-((hsatuan*jml)*(Disk/100))
8 print("Harga Total      : Rp.",str(httotal))
9 print("-"*40)

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER
Python Debug Console

PS E:\rika safira> e:: cd 'e:\rika safira'; & 'C:\Users\Drexeded\AppData\Local\Programs\Python\Python310\python.exe' 'c:\Users\Drexeded\.vscode\extensions\ms-python.python-2022.16.1\pythonFiles\lib\python\debugpy\adapter\..\..\debugpy\launcher' '3017' '--' 'e:\rika safira\penjualanbuku.py'
PROGRAM PENJUALAN BUKU
-----
Harga Satuan      : Rp. 20000
Jumlah Pembelian  : 2
Diskon            : 10
Harga Total       : Rp. 36000.0
-----
PS E:\rika safira>
```

4). PROGRAM MENGHITUNG TAGIHAN TELEPON



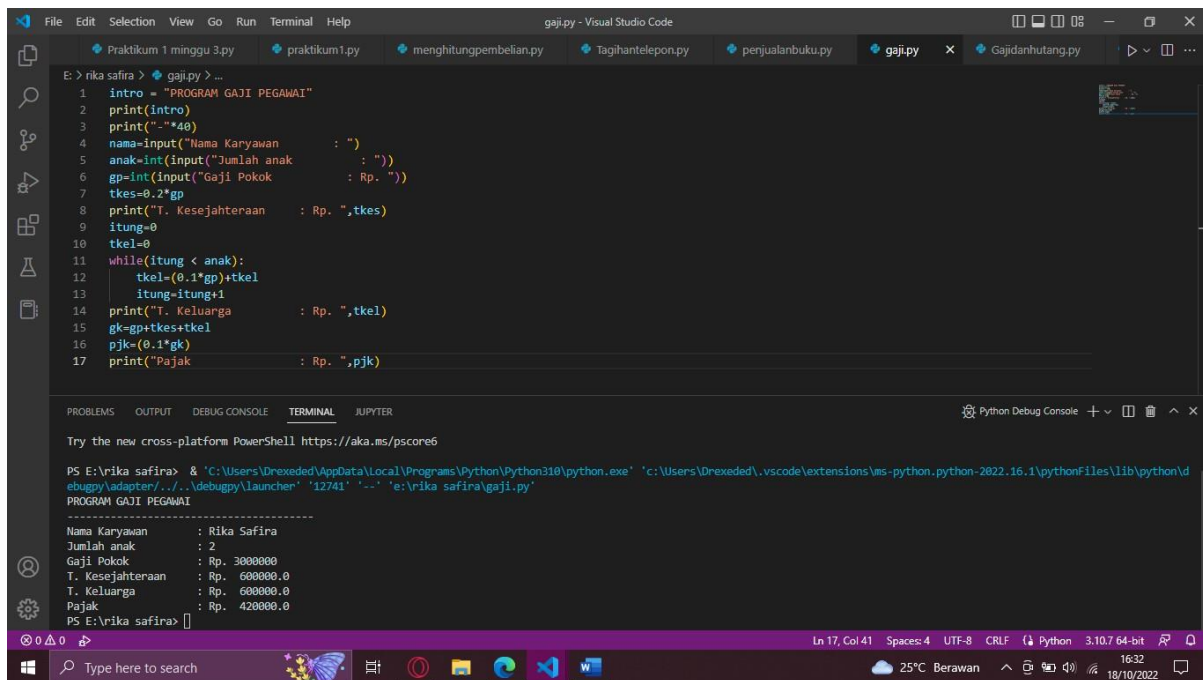
```
File Edit Selection View Go Run Terminal Help
Tagihantelepon.py - Visual Studio Code

E: > nika safira > Tagihantelepon.py > ...
1 intro = "PROGRAM MENGHITUNG TAGIHAN TELEPON"
2 print(intro)
3 print("-"*40)
4 print("DATA PELANGGAN")
5 nama=input("Nama Pelanggan      : ")
6 cakap=int(input("Percakapan      : "))
7 sms=int(input("SMS              : "))
8
9 print("TAGIHAN")
10 abn=20000
11 print("Abonemen      : Rp.",abn)
12 rp_cakap=cakap*1000
13 print("Biaya Percakapan : Rp.",rp_cakap)
14 rp_sms=sms*300
15 print("Biaya SMS      : Rp.",rp_sms)
16 httotal=abn+rp_cakap+rp_sms
17 print("Harga Total      : Rp.",str(httotal))
18 print("-"*40)

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER
Python Debug Console

PROGRAM MENGHITUNG TAGIHAN TELEPON
-----
DATA PELANGGAN
Nama Pelanggan      : Rika Safira
Percakapan          : 10
SMS                 : 20
TAGIHAN
Abonemen            : Rp. 20000
Biaya Percakapan    : Rp. 10000
Biaya SMS           : Rp. 6000
Harga Total         : Rp. 36000
-----
PS E:\rika safira>
```

5). PROGRAM GAJI

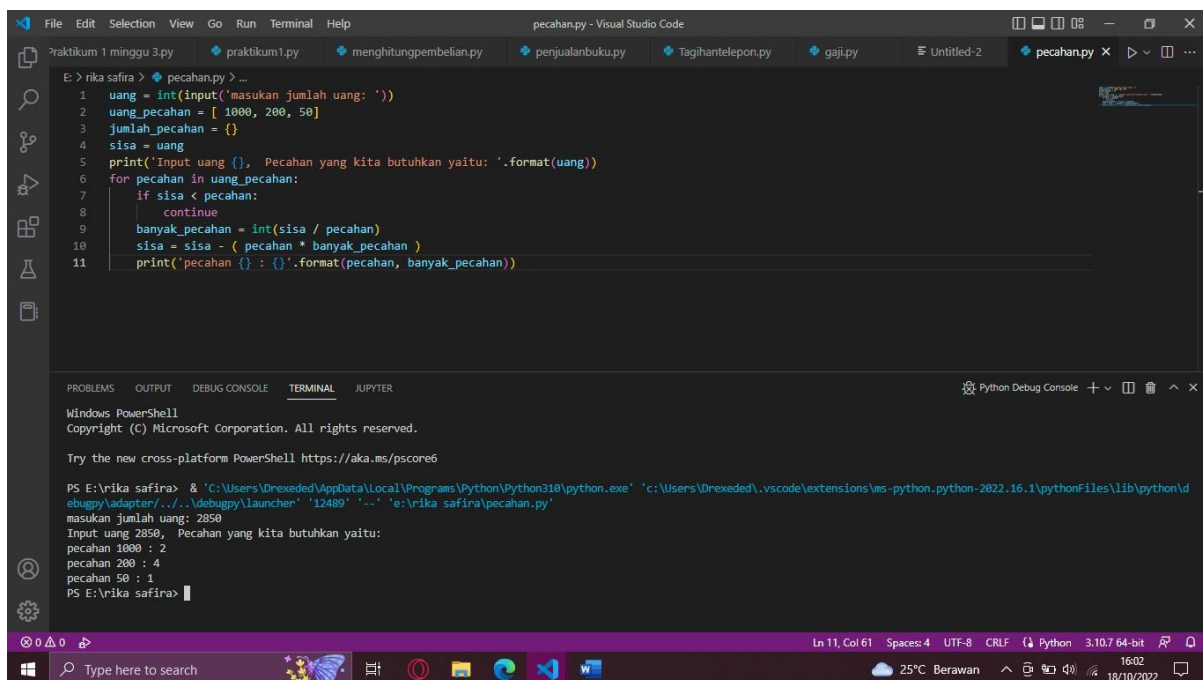


```
1 intro = "PROGRAM GAJI PEGAWAI"
2 print(intro)
3 print("-"*40)
4 nama=input("Nama Karyawan      : ")
5 anak=int(input("Jumlah anak      : "))
6 gp=int(input("Gaji Pokok        : Rp. "))
7 tkes=0.2*gp
8 print("T. Kesejahteraan      : Rp. ",tkes)
9 itung=0
10 tkel=0
11 while(itung < anak):
12     tkel=(0.1*gp)+tkel
13     itung=itung+1
14 print("T. Keluarga          : Rp. ",tkel)
15 gk=gp+tkes+tkel
16 pjk=(0.1*gk)
17 print("Pajak                  : Rp. ",pjk)
```

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

```
PS E:\rika safira> & 'C:\Users\Drexeded\AppData\Local\Programs\Python\Python310\python.exe' 'c:\Users\Drexeded\.vscode\extensions\ms-python.python-2022.16.1\pythonFiles\lib\python\debugpy\adapter\..\..\debugpy\launcher' '12741' '-.' 'e:\rika safira\gaji.py'
PROGRAM GAJI PEGAWAI
-----
Nama Karyawan      : Rika Safira
Jumlah anak        : 2
Gaji Pokok         : Rp. 3000000
T. Kesejahteraan   : Rp. 600000.0
T. Keluarga        : Rp. 600000.0
Pajak              : Rp. 420000.0
PS E:\rika safira>
```

6). PECAHAN



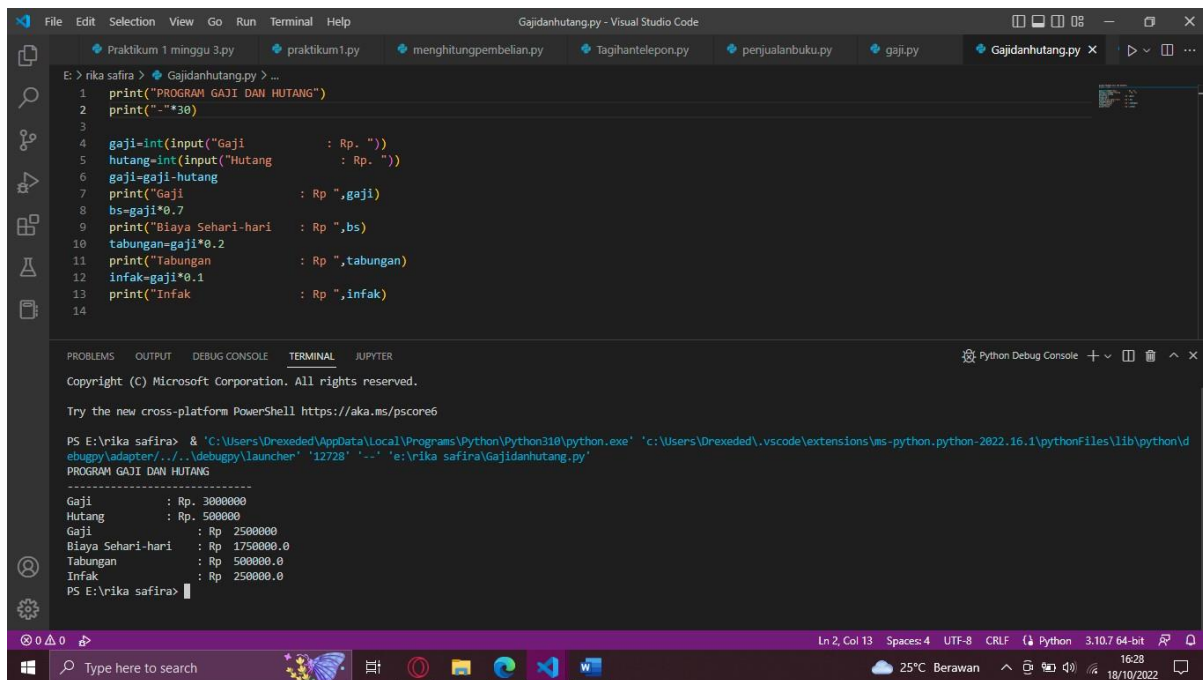
```
1 uang = int(input('masukan jumlah uang: '))
2 uang_pecahan = [1000, 200, 50]
3 jumlah_pecahan = {}
4 sisa = uang
5 print('Input uang {}, Pecahan yang kita butuhkan yaitu:'.format(uang))
6 for pecahan in uang_pecahan:
7     if sisa < pecahan:
8         continue
9     banyak_pecahan = int(sisa / pecahan)
10    sisa = sisa - (pecahan * banyak_pecahan)
11    print('pecahan {} : {}'.format(pecahan, banyak_pecahan))
```

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

```
PS E:\rika safira> & 'C:\Users\Drexeded\AppData\Local\Programs\Python\Python310\python.exe' 'c:\Users\Drexeded\.vscode\extensions\ms-python.python-2022.16.1\pythonFiles\lib\python\debugpy\adapter\..\..\debugpy\launcher' '12489' '-.' 'e:\rika safira\pecahan.py'
masukan jumlah uang: 2850
Input uang 2850, Pecahan yang kita butuhkan yaitu:
pecahan 1000 : 2
pecahan 200 : 4
pecahan 50 : 1
PS E:\rika safira>
```

7). PROGRAM GAJI DAN



The image shows a Visual Studio Code editor window with a Python file named `Gajidanhutang.py`. The code is a simple program that takes user input for salary and debt, then calculates and prints the remaining salary after deductions for daily expenses, savings, and charity.

```
1 print("PROGRAM GAJI DAN HUTANG")
2 print("-"*30)
3
4 gaji=int(input("Gaji          : Rp. "))
5 hutang=int(input("Hutang       : Rp. "))
6 gaji=gaji-hutang
7 print("Gaji                : Rp ",gaji)
8 bs=gaji*0.7
9 print("Biaya Sehari-hari    : Rp ",bs)
10 tabungan=gaji*0.2
11 print("Tabungan              : Rp ",tabungan)
12 infak=gaji*0.1
13 print("Infak                 : Rp ",infak)
14
```

The terminal output shows the program being executed with the following inputs and outputs:

```
PS E:\rika safira> & 'C:\Users\Drexeded\AppData\Local\Programs\Python\Python310\python.exe' 'c:\Users\Drexeded\.vscode\extensions\ms-python.python-2022.16.1\pythonFiles\lib\python\debugpy\adapter\..\..\debugpy\launcher' '12728' '--' 'e:\rika safira\Gajidanhutang.py'
PROGRAM GAJI DAN HUTANG
-----
Gaji          : Rp. 3000000
Hutang        : Rp. 500000
Gaji          : Rp  2500000
Biaya Sehari-hari    : Rp  1750000.0
Tabungan       : Rp  500000.0
Infak          : Rp  250000.0
PS E:\rika safira>
```

The bottom status bar of Visual Studio Code indicates the current cursor position is at line 2, column 13, with 4 spaces, UTF-8 encoding, and CRLF line endings. The Python version is 3.10.7 64-bit.