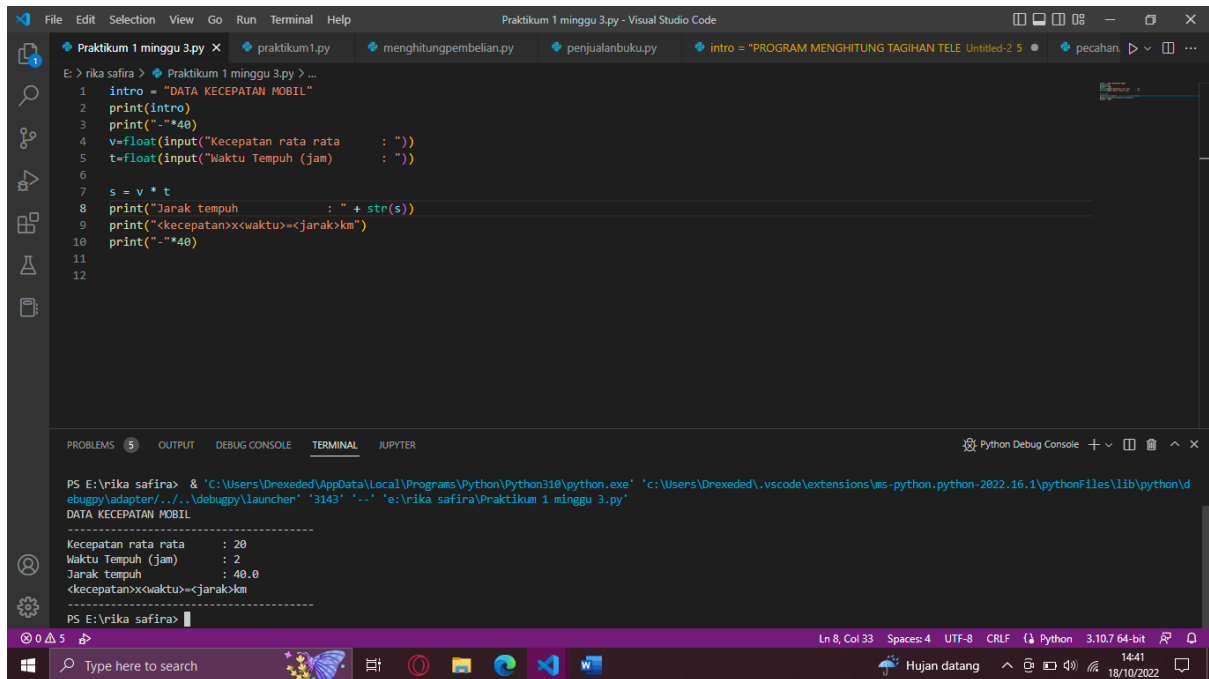


NAMA : RIKA SAFIRA

NIM : 19.01.013.125

BOOK PRAKTIKUM 1

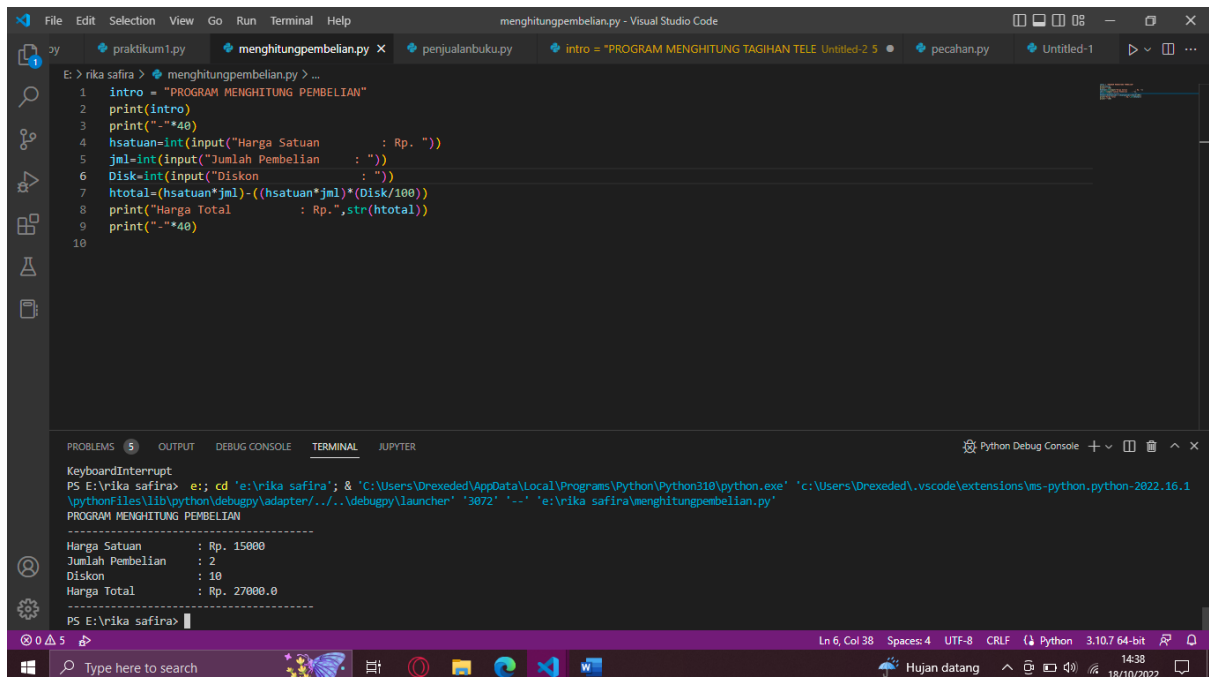
1). DATA KECEPATAN MOBIL



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

```
PS E:\rika safira> & 'C:\Users\Drexed\AppData\Local\Programs\Python\Python310\python.exe' 'c:\Users\Drexed\.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><waktu>=<jarak>km
-----
PS E:\rika safira>
```

2). PROGRAM MENGHITUNG PEMBELIAN



The screenshot shows a Visual Studio Code window 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:

```
KeyboardInterrupt
PS E:\rika safira> cd 'e:\rika safira'; & 'C:\Users\Drexed\AppData\Local\Programs\Python\Python310\python.exe' 'c:\Users\Drexed\.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 BUKU

The screenshot shows a Windows 10 desktop environment. The primary application is Visual Studio Code, which has several tabs open: 'praktikum1.py', 'menghitungpembelian.py', 'penjualanbuku.py' (the active tab), and 'intro = "PROGRAM MENGHITUNG TAGIHAN TELE...'. The 'penjualanbuku.py' file contains a Python script for calculating book purchase totals, including inputs for unit price, quantity, and discount, followed by calculations for subtotal and total price after discount. Below the code editor is the integrated view containing three panels: 'PROBLEMS' (empty), 'OUTPUT' (empty), and 'TERMINAL'. The terminal panel shows the execution of the script from a command prompt, displaying the input values and the calculated results: Harga Satuan: Rp. 20000, Jumlah Pembelian: 2, Diskon: 10, and Harga Total: Rp. 36000.0. At the bottom of the screen is the Windows taskbar, featuring the Start button, a search bar, and icons for various applications like File Explorer, Edge browser, and Word. The system tray on the right indicates the date as 18/10/2022 and the time as 14:34.

4). PROGRAM MENGHITUNG TAGIHAN TELEPON

The screenshot shows a Python IDE with a file explorer on the left displaying files like SVT.py, Praktikum 1 minggu 3.py, praktikum1.py, menghitung_pembelian.py, penjualan_buku.py, Tagihantelepon.py, pecahan.py, and Untitled-1. The main editor window displays the code for Tagihantelepon.py, which calculates a telephone bill based on user input for name, minutes, and SMS count. The output console at the bottom shows the execution results for Rika Safira.

```
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 + - [] [x] ^ v x

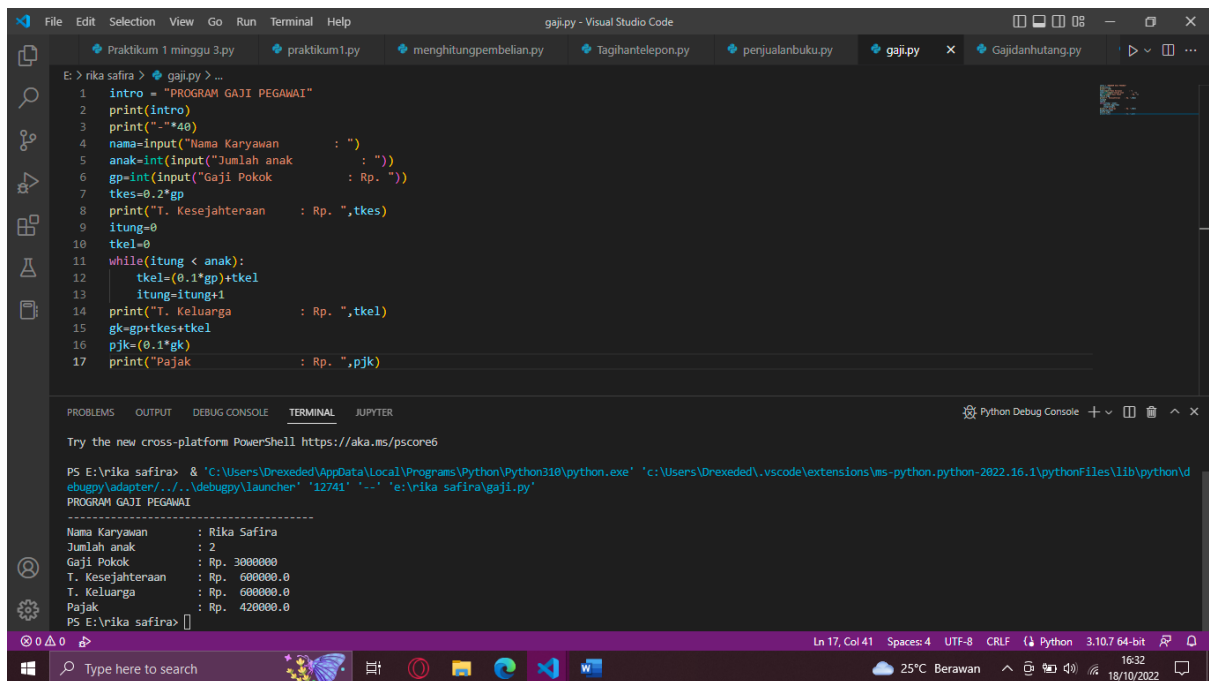
PROGRAM MENGHITUNG TAGIHAN TELEPON

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

P5 E:\nika safira>

5). PROGRAM GAJI PEGAWAI



```
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)
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER

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

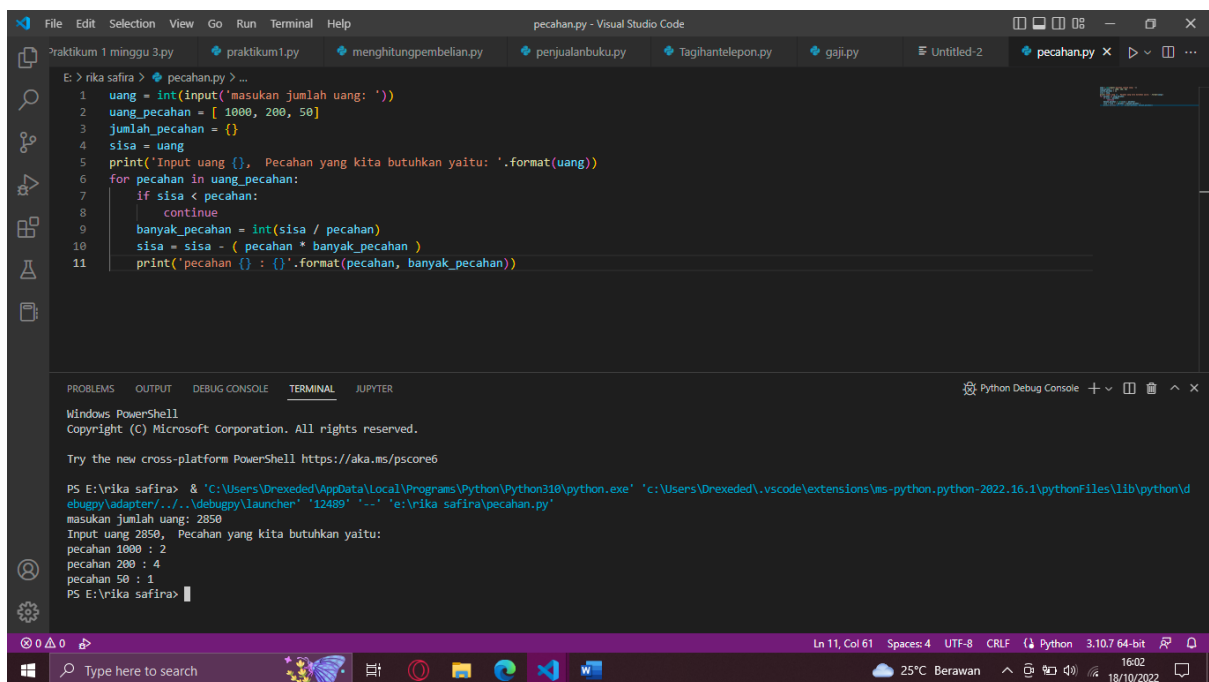
PS E:\rika safira> & 'C:\Users\Drexed\AppData\Local\Programs\Python\Python310\python.exe' 'c:\Users\Drexed\.vscode\extensions\ms-python.python-2022.16.1\pythonFiles\lib\python\debugpy\adapter\..\..\debugpy\launcher' '12741' '--' 'e:\rika safira\gaji.py'

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))
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER

Windows PowerShell

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

PS E:\rika safira> & 'C:\Users\Drexed\AppData\Local\Programs\Python\Python310\python.exe' 'c:\Users\Drexed\.vscode\extensions\ms-python.python-2022.16.1\pythonFiles\lib\python\debugpy\adapter\..\..\debugpy\launcher' '12489' '--' 'e:\rika safira\pecahan.py'

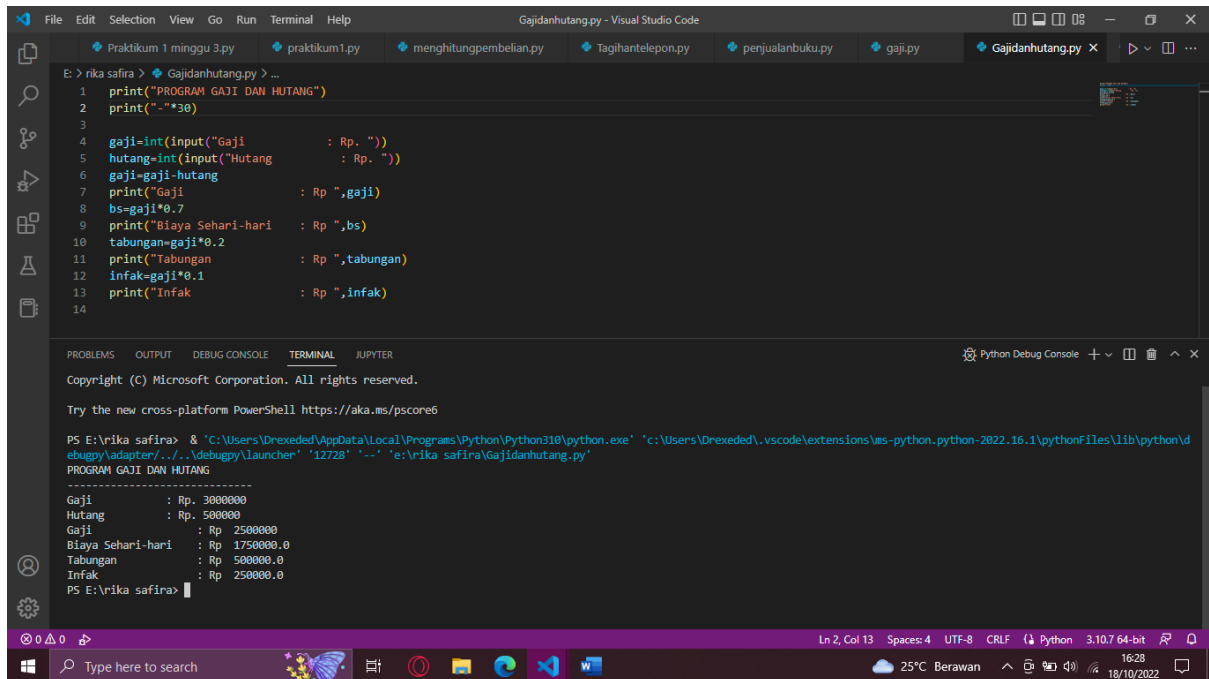
masukan jumlah uang: 2850

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 HUTANG



The image shows a Visual Studio Code editor window with a Python file named `Gajidanhutang.py`. The script calculates salary and debt based on user input. The terminal output shows the program's execution with sample input values.

```
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
```

Terminal Output:

```
PS E:\rika safira> & 'C:\Users\Drexedex\AppData\Local\Programs\Python\Python310\python.exe' 'c:\Users\Drexedex\.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>
```