

Nama : Andini Wulandari

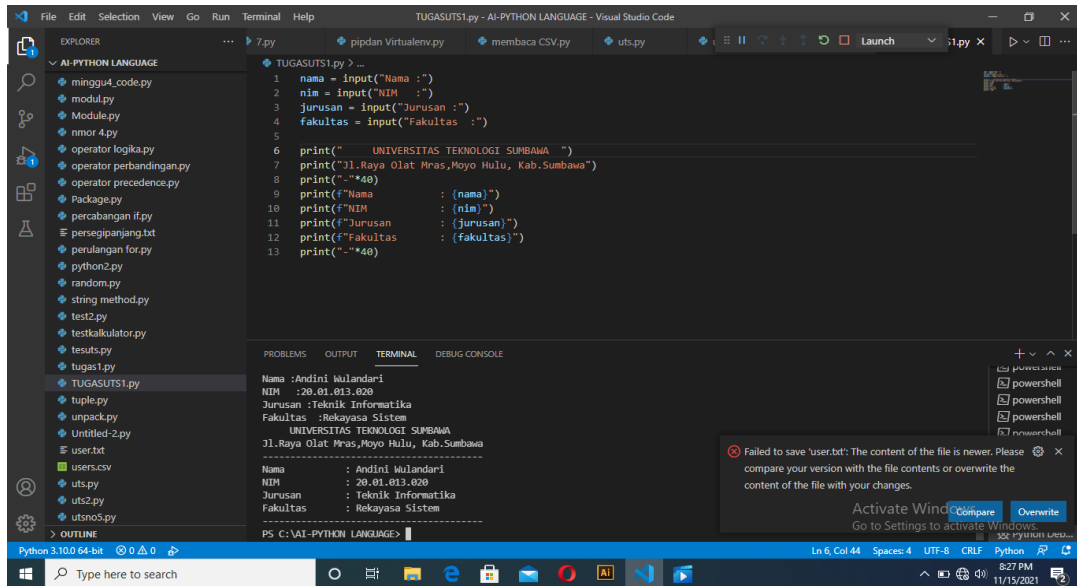
NIM : 20.01.013.020

Kelas : Teknik Informatika/3B

MK : Kecerdasan Buatan

TUGAS PRAKTIKUM 1

1. Outputnya

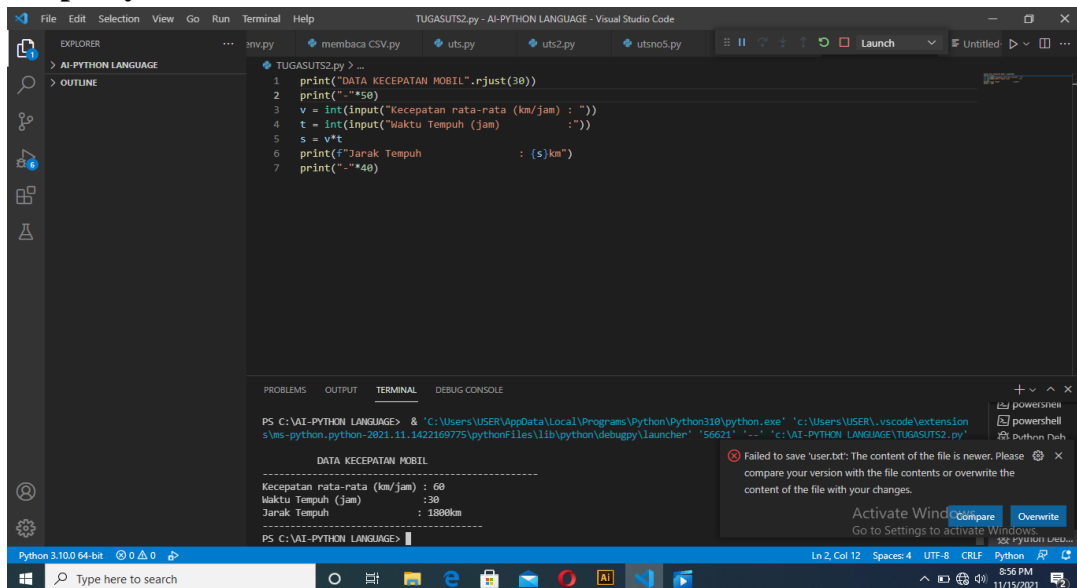


```
1 nama = input("Nama :")
2 nim = input("NIM :")
3 jurusan = input("Jurusan :")
4 fakultas = input("Fakultas :")
5
6 print("----- UNIVERSITAS TEKNOLOGI SUMBAWA -----")
7 print("Jl.Raya Olat Mras,Moyo Hulu, Kab.Sumbawa")
8 print("--*40")
9 print(f"Nama          : {nama}")
10 print(f"NIM           : {nim}")
11 print(f"Jurusan        : {jurusan}")
12 print(f"Fakultas       : {fakultas}")
13 print("--*40")
```

Terminal Output:

```
Name :Andini Wulandari
NIM :20.01.013.020
Jurusan :Teknik Informatika
Fakultas :Rekayasa Sistem
-----
Jl.Raya Olat Mras,Moyo Hulu, Kab.Sumbawa
-----
Name          : Andini Wulandari
NIM           : 20.01.013.020
Jurusan       : Teknik Informatika
Fakultas      : Rekayasa Sistem
-----
```

2. Outputnya



```
1 print("DATA KECEPATAN MOBIL".rjust(30))
2 print("--*30")
3 v = int(input("Kecepatan rata-rata (km/jam) : "))
4 t = int(input("Waktu Tempuh (jam) :"))
5 s = v*t
6 print(f"Jarak Tempuh          : {s}km")
7 print("--*40")
```

Terminal Output:

```
DATA KECEPATAN MOBIL
-----
Kecepatan rata-rata (km/jam) : 60
Waktu Tempuh (jam)          : 30
Jarak Tempuh                : 1800km
-----
```

3. Outputnya

The screenshot shows the Visual Studio Code interface with a Python file named `1TUGASUTS3.py` open. The code calculates the total price of a purchase with a discount. The terminal output shows the program's execution with user input.

```
1 print("PROGRAM MENGHITUNG PEBELIAN".rjust(40))
2 print("-"*50)
3 harga = int(input("Harga Satuan      : Rp. "))
4 jumlah = int(input("Jumlah Pembelian  : "))
5
6 diskon = 0.10
7 harga_total = harga * jumlah * diskon
8
9 print(f"Diskon          : Rp. {diskon}")
10 print(f"Harga total     : Rp. {harga_total}")
11 print("-"*50)
```

Terminal Output:

```
AI-PYTHON LANGUAGE\1TUGASUTS3.py
PROGRAM MENGHITUNG PEBELIAN
-----
Harga Satuan      : Rp. 20000
Jumlah Pembelian  : 3
Diskon            : Rp. 0.1
Harga total       : Rp. 6000.0
-----
PS C:\AI-PYTHON LANGUAGE>
```

A notification message is visible: "Failed to save 'user.txt': The content of the file is newer. Please compare your version with the file contents or overwrite the content of the file with your changes." Buttons for "Compare" and "Overwrite" are present.

4. Outputnya

The screenshot shows the Visual Studio Code interface with a Python file named `1TUGASUTS4.py` open. The code calculates the total fee for renting books, including a discount. The terminal output shows the program's execution with user input.

```
1 print("PROGRAM PENJUALAN BUKU".rjust(40))
2 print("-"*50)
3 harga = int(input("Harga Satuan      : Rp. "))
4 jumlah = int(input("Jumlah Pembelian  : "))
5 diskon = int(input("Diskon          : "))
6 diskoni = diskon/100
7 harga_total = harga * jumlah * diskon
8 total = harga*jumlah
9 total_bayar = total - (total*diskoni)
10
11 print(f"Harga total      : Rp. {total_bayar}")
12 print("-"*50)
```

Terminal Output:

```
AI-PYTHON LANGUAGE\1TUGASUTS4.py
PROGRAM PENJUALAN BUKU
-----
Harga Satuan      : Rp. 40000
Jumlah Pembelian  : 4
Diskon            : 20
Harga total       : Rp. 128000.0
-----
PS C:\AI-PYTHON LANGUAGE> c:: cd 'c:\AI-PYTHON LANGUAGE'; & 'C:\Users\USER\AppData\Local\Programs\Python\Python310\python.exe'
'c:\Users\USER\.vscode\extensions\ms-python.python-2021.11.1422169775\pythonfiles\lib\python\debugpy\launcher' '56677' '-.' 'c:\
AI-PYTHON LANGUAGE\1TUGASUTS4.py'
-----
PROGRAM PENJUALAN BUKU
-----
Harga Satuan      : Rp. 30000
Jumlah Pembelian  : 2
Diskon            : 10
Harga total       : Rp. 54000.0
-----
```

A notification message is visible: "Activate Windows. Go to Settings to activate Windows." Buttons for "Go to Settings" and "Activate Windows" are present.

5. Outputnya

```
1TUGAS5.py > ...
1 print("PROGRAM PERHITUNGAN TAGIHAN TELEFON")
2 print("-"*50)
3 print("DATA PELANGGAN")
4 nama = input("Nama Pelanggan : ")
5 percakapan = int(input("Percakapan : "))
6 sms = int(input("SMS : "))
7
8 abonemen = 20000
9 by_cakap = percakapan*1000
10 by_sms = sms*300
11 tagihan = abonemen + by_cakap + by_sms
12
13 print("TAGIHAN")
14 print(f"Abonemen : Rp. {abonemen}")
15 print(f"Biaya Percakapan : Rp. {by_cakap}")
16 print(f"Biaya SMS : Rp. {by_sms}")
17 print(f"Total Tagihan : Rp. {tagihan}")
18
19 math("matika")
```

PS C:\VAI-PYTHON LANGUAGE> & "C:\Users\USER\AppData\Local\Programs\Python\Python310\python.exe" "c:\Users\USER\.vscode\extensions\ms-python.python-2021.11.1422169775\pythonFiles\lib\python\debugpy\launcher" "56696" "--" "c:\VAI-PYTHON LANGUAGE\1TUGAS5.py"

PROGRAM MENGHITUNG TAGIHAN TELEFON

DATA PELANGGAN

Nama Pelanggan : Andin

Percakapan :10

SMS :7

TAGIHAN

Abonemen : Rp. 20000

Biaya Percakapan : Rp. 10000

Biaya SMS : Rp. 2100

Total Tagihan : Rp. 32100

PS C:\VAI-PYTHON LANGUAGE>

6. Outputnya

7. Outputnya

```
1TUGAS6.py > ...
1 nuang = int(input("Masukkan Nilai Uang : "))
2 p1000 = nuang // 1000
3 sisa_nuang = nuang % 1000
4 p200 = sisa_nuang // 200
5 sisa_nuang = sisa_nuang % 200
6 p50 = sisa_nuang // 50
7 sisa_nuang = sisa_nuang % 50;
8
9 print()
10 print("Nilai uang = ", nuang)
11 print(p1000, "(seribu) + ", p200, "(duaratusan)", p50, "(limpuluhan)")
```

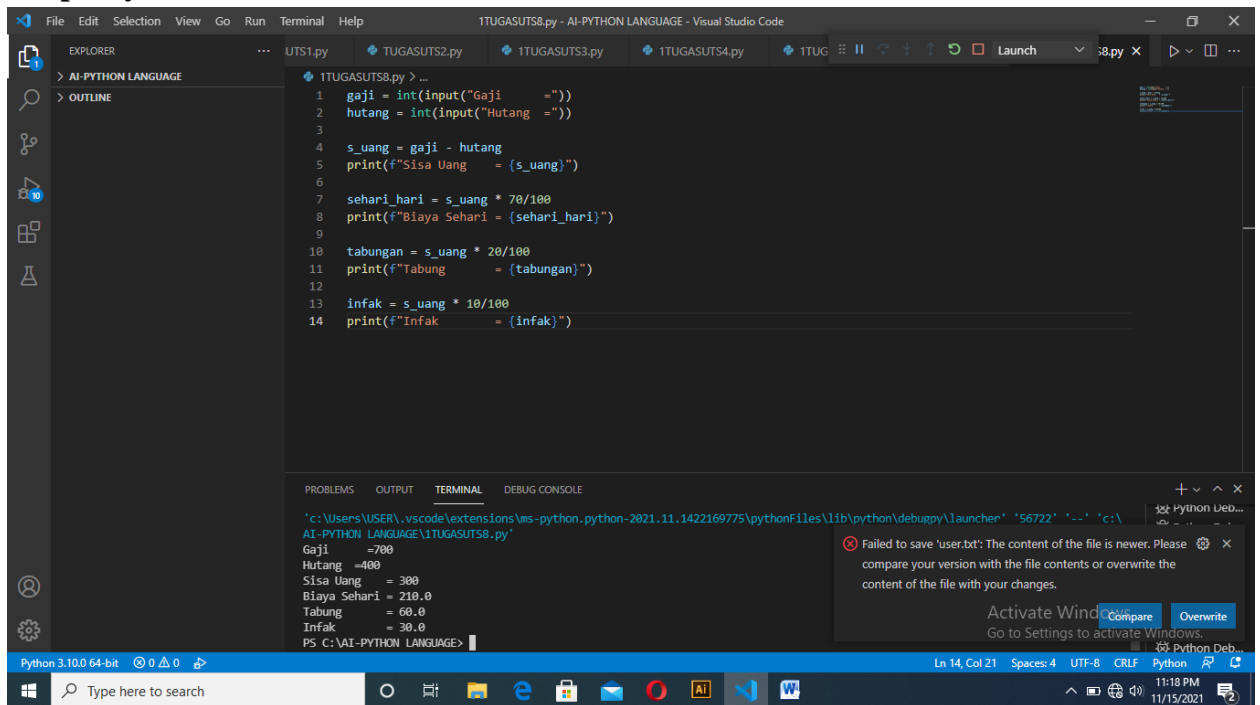
Masukkan Nilai Uang : 3764

Nilai uang = 3764

3 (seribu) + 3 (duaratusan) 3 (limpuluhan)

PS C:\VAI-PYTHON LANGUAGE>

8. Outputnya



The screenshot shows the Visual Studio Code interface with a Python script named `1TUGASUTS8.py` open. The script calculates the remaining balance after various expenses. The terminal output shows the results of the script execution.

```
1TUGASUTS8.py > ...
1 gaji = int(input("Gaji    ="))
2 hutang = int(input("Hutang  ="))
3
4 s_uang = gaji - hutang
5 print(f"Sisa Uang   = {s_uang}")
6
7 sehari_hari = s_uang * 70/100
8 print(f"Biaya Sehari = {sehari_hari}")
9
10 tabungan = s_uang * 20/100
11 print(f"Tabung      = {tabungan}")
12
13 infak = s_uang * 10/100
14 print(f"Infak       = {infak}")
```

Terminal Output:

```
'c:\Users\USER\.vscode\extensions\ms-python.python-2021.11.1422169775\pythonFiles\lib\python\debugpy\launcher' '56722' '-.' 'c:\
AI-PYTHON LANGUAGE\1TUGASUTS8.py'
Gaji    =700
Hutang  =400
Sisa Uang   = 300
Biaya Sehari = 210.0
Tabung      = 60.0
Infak       = 30.0
PS C:\AI-PYTHON LANGUAGE>
```

A warning message is displayed in the bottom right corner: "Failed to save 'user.bt': The content of the file is newer. Please compare your version with the file contents or overwrite the content of the file with your changes." Below this message is a button labeled "Compare" and another labeled "Overwrite".