

TUGAS PRAKTIKUM #1 (ARTIFICIAL INTELLIGENCE)

ANGGA DWI WIBOWO

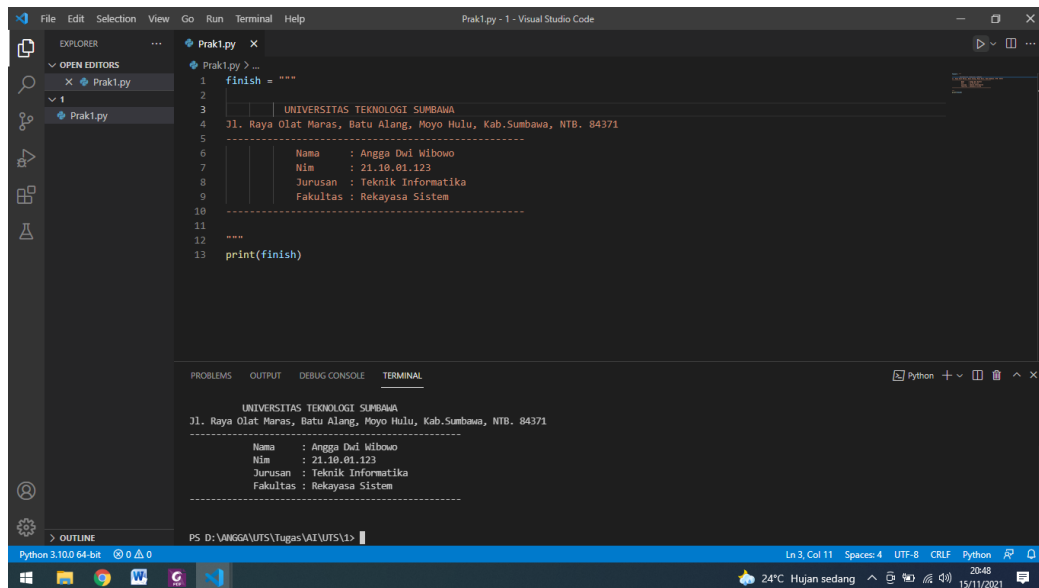
NIM. 211001123

Fakultas Rekayasa Sistem - Prodi Teknik Informatika

Universitas Teknologi Sumbawa

Jl. Raya Olat Maras, Batu Alang, Moyo Hulu, Kab.Sumbawa, NTB. 84371

4.9 Praktikum #1

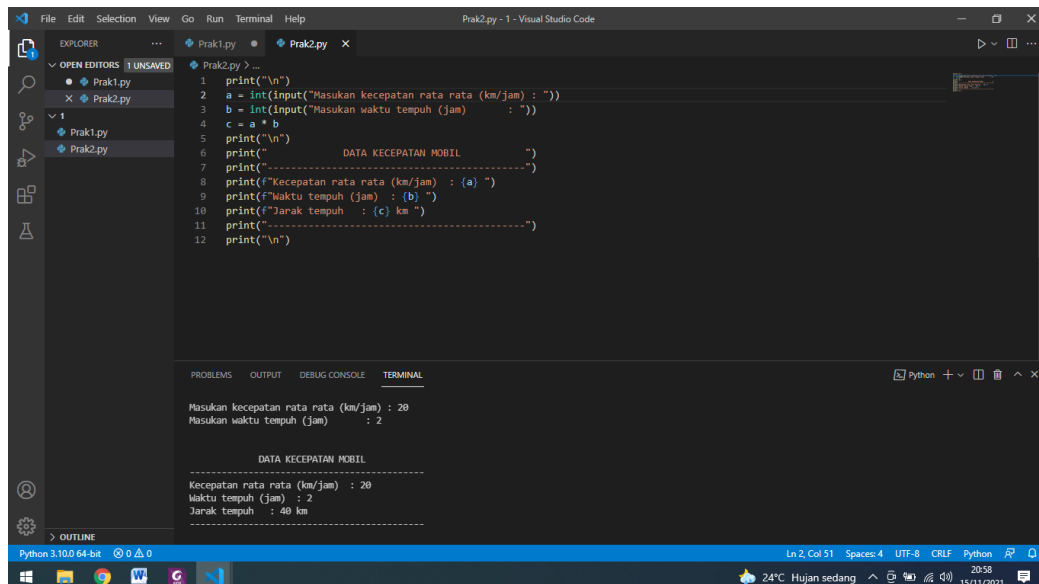


```
1 finish = ""
2
3 UNIVERSITAS TEKNOLOGI SUMBAWA
4 Jl. Raya Olat Maras, Batu Alang, Moyo Hulu, Kab.Sumbawa, NTB. 84371
5
6 -----
7 Nama      : Angga Dwi Wibowo
8 Nim       : 21.10.01.123
9 Jurusan  : Teknik Informatika
10 Fakultas : Rekayasa Sistem
11 -----
12
13 print(finish)
```

UNIVERSITAS TEKNOLOGI SUMBAWA
Jl. Raya Olat Maras, Batu Alang, Moyo Hulu, Kab.Sumbawa, NTB. 84371

Nama : Angga Dwi Wibowo
Nim : 21.10.01.123
Jurusan : Teknik Informatika
Fakultas : Rekayasa Sistem

4.10 Praktikum #1



```
1 print("\n")
2 a = int(input("Masukan kecepatan rata rata (km/jam) : "))
3 b = int(input("Masukan waktu tempuh (jam) : "))
4 c = a * b
5 print("\n")
6 print("          DATA KECEPATAN MOBIL          ")
7 print("-----")
8 print(f"Kecepatan rata rata (km/jam) : {a} ")
9 print(f"Waktu tempuh (jam) : {b} ")
10 print(f"Jarak tempuh : {c} km ")
11 print("-----")
12 print("\n")
```

Masukan kecepatan rata rata (km/jam) : 20
Masukan waktu tempuh (jam) : 2

DATA KECEPATAN MOBIL

Kecepatan rata rata (km/jam) : 20
Waktu tempuh (jam) : 2
Jarak tempuh : 40 km

Praktikum #2

The screenshot shows the Visual Studio Code interface with the file `Prak3.py` open. The code is a Python script that calculates the total price of a purchase after applying a discount. The terminal output shows the program's execution with the following inputs and results:

```
1 print("\n")
2 h_1an = int(input("Masukan harga satuan : "))
3 jml = int(input("Masukan jumlah pembelian : "))
4 diskon = 0.1
5 totaldisk = h_1an * jml * diskon
6 h_total = h_1an * jml - totaldisk
7 h_total = float(h_total)
8 print("\n")
9 print("          PROGRAM MENGHITUNG PEMBELIAN          ")
10 print("-----")
11 print(f"Harga satuan      : Rp {h_1an} ")
12 print(f"Jumlah pembelian    : {jml} ")
13 print(f"Diskon       : Rp {totaldisk} ")
14 print(f"Harga total   : Rp {h_total}")
15 print("-----")
16 print("\n")
```

Terminal Output:

```
-----
Harga satuan      : Rp 5000
Jumlah pembelian  : 2
Diskon       : Rp 1000.0
Harga total   : Rp 9000.0
-----
```

The status bar at the bottom indicates the file is at line 11, column 36, with 4 spaces, UTF-8 encoding, and CRLF line endings. The system tray shows a temperature of 24°C, light rain, and the date 15/11/2021.

Praktikum #3

The screenshot shows the Visual Studio Code interface with the file `prak4.py` open. The code is a Python script that calculates the total price of a book purchase after applying a discount. The terminal output shows the program's execution with the following inputs and results:

```
1 print("\n")
2 h_buku = int(input("Masukan harga buku : "))
3 jml = int(input("Masukan jumlah pembelian : "))
4 disk= int(input("Masukan diskon (dalam %): "))
5 disk = disk/100
6 disktotal = h_buku * jml *disk
7 h_total = h_buku * jml - disktotal
8
9 print("\n")
10 print("          PROGRAM PENJUALAN BUKU          ")
11 print("-----")
12 print(f"Harga satuan      : Rp {h_buku} ")
13 print(f"Jumlah pembelian    : {jml} ")
14 print(f"Diskon       : Rp {disk} ")
15 print(f"Harga total   : Rp {h_total}")
16 print("-----")
17 print("\n")
```

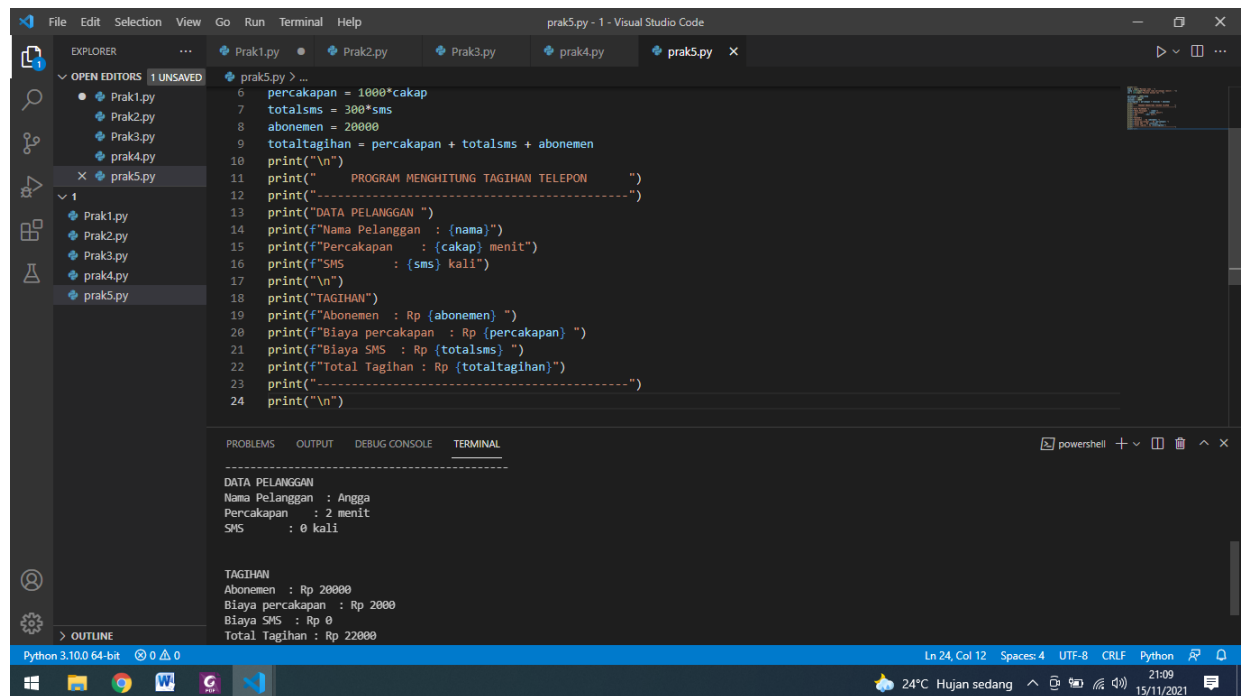
Terminal Output:

```
Masukan harga buku : 5000
Masukan jumlah pembelian : 2
Masukan diskon (dalam %): 10

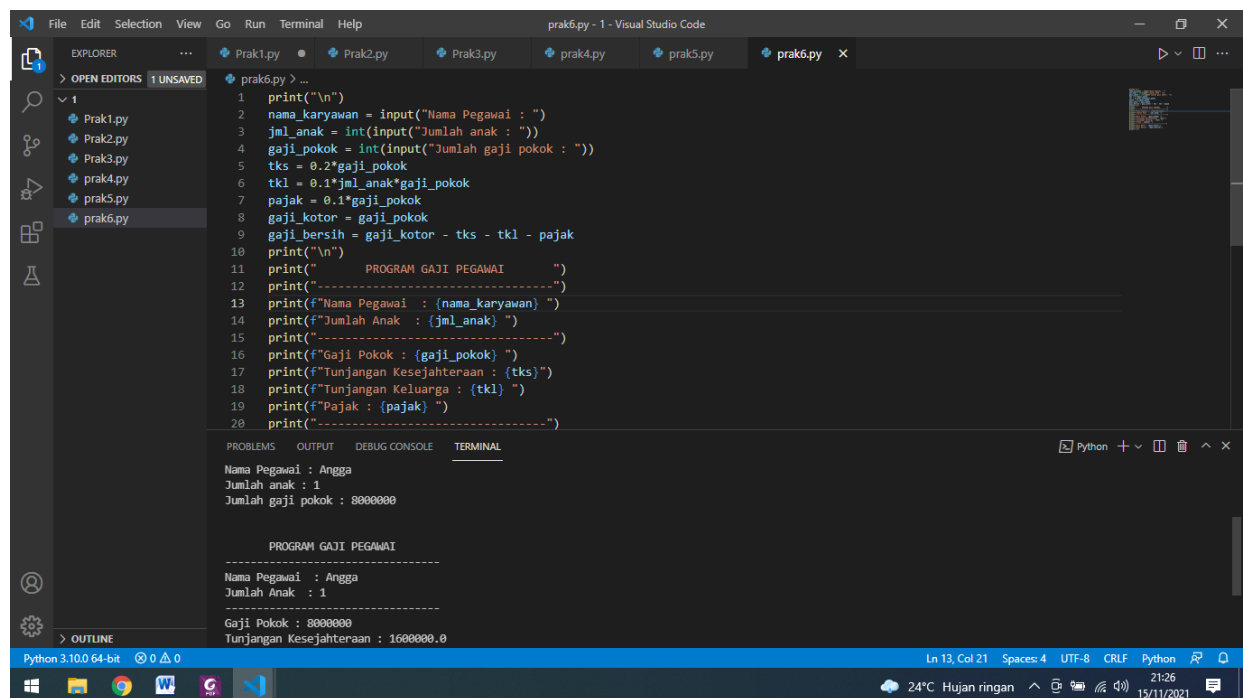
-----
PROGRAM PENJUALAN BUKU
-----
Harga satuan      : Rp 5000
Jumlah pembelian  : 2
Diskon       : Rp 0.1
Harga total   : Rp 9000.0
-----
```

The status bar at the bottom indicates the file is at line 17, column 12, with 4 spaces, UTF-8 encoding, and CRLF line endings. The system tray shows a temperature of 24°C, light rain, and the date 15/11/2021.

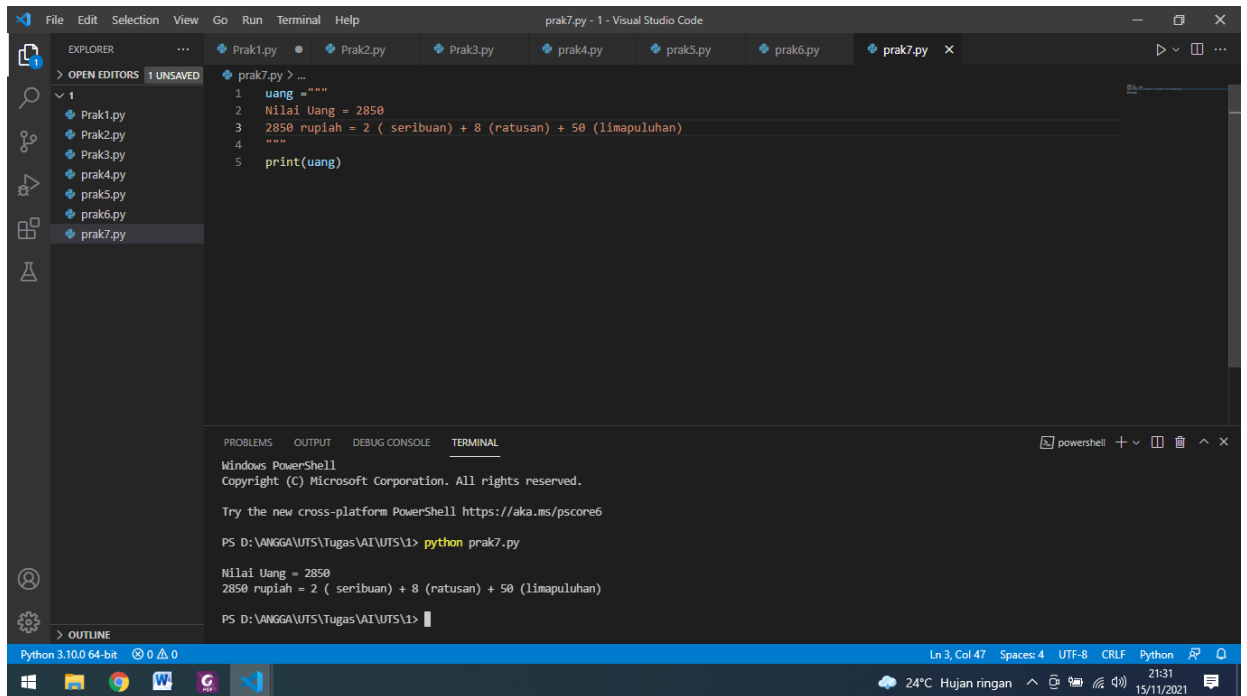
Praktikum #4



Praktikum #5



Praktikum #6



```
File Edit Selection View Go Run Terminal Help
prak7.py - 1 - Visual Studio Code

EXPLORER
1 UNSAVED
1
  prak1.py
  prak2.py
  prak3.py
  prak4.py
  prak5.py
  prak6.py
  prak7.py

praktik7.py > ...
1 uang = ""
2 Nilai Uang = 2850
3 2850 rupiah = 2 ( seribuan) + 8 (ratusan) + 50 (limapuluhan)
4 ""
5 print(uang)

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
Windows PowerShell
Copyright (c) Microsoft Corporation. All rights reserved.

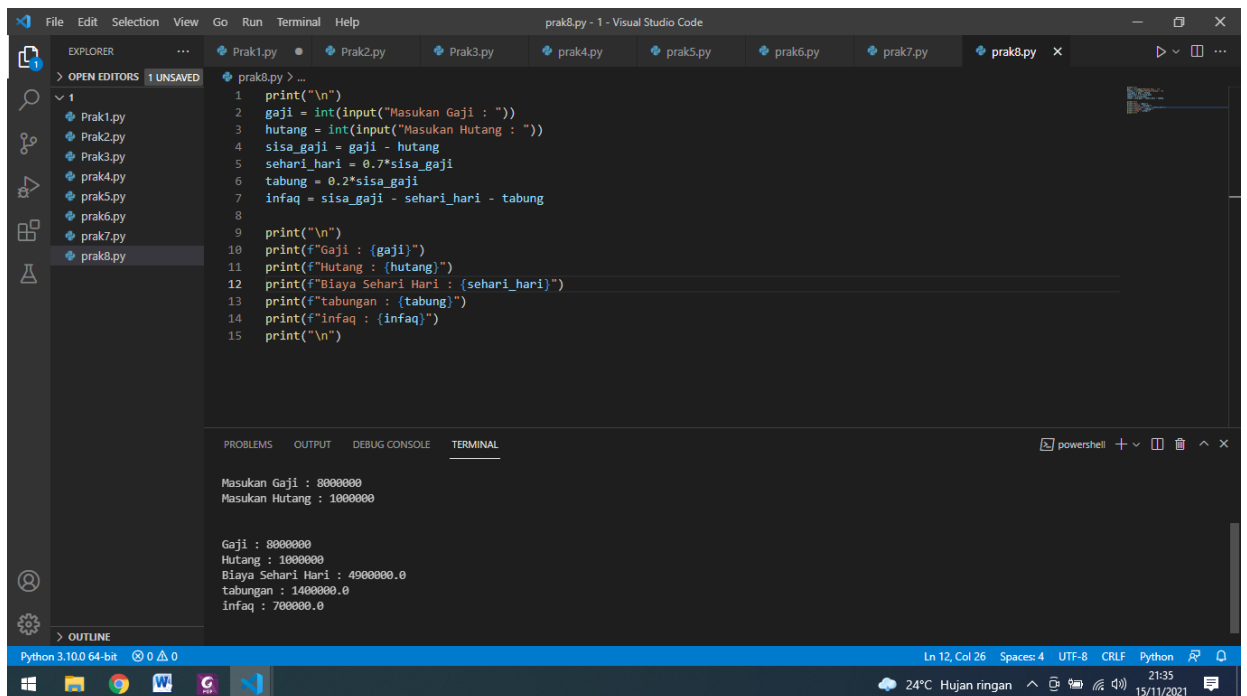
Try the new cross-platform PowerShell https://aka.ms/pscore6

PS D:\ANGGA\UTS\Tugas\AI\UTS\1> python prak7.py

Nilai Uang = 2850
2850 rupiah = 2 ( seribuan) + 8 (ratusan) + 50 (limapuluhan)

PS D:\ANGGA\UTS\Tugas\AI\UTS\1>
```

Praktikum #7



```
File Edit Selection View Go Run Terminal Help
prak8.py - 1 - Visual Studio Code

EXPLORER
1 UNSAVED
1
  prak1.py
  prak2.py
  prak3.py
  prak4.py
  prak5.py
  prak6.py
  prak7.py
  prak8.py

praktik8.py > ...
1 print("\n")
2 gaji = int(input("Masukan Gaji : "))
3 hutang = int(input("Masukan Hutang : "))
4 sisa_gaji = gaji - hutang
5 sehari_hari = 0.7*sisa_gaji
6 tabung = 0.2*sisa_gaji
7 infaq = sisa_gaji - sehari_hari - tabung
8
9 print("\n")
10 print(f"Gaji : {gaji}")
11 print(f"Hutang : {hutang}")
12 print(f"Biaya Sehari Hari : {sehari_hari}")
13 print(f"tabungan : {tabung}")
14 print(f"Infraq : {infraq}")
15 print("\n")

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
Masukan Gaji : 8000000
Masukan Hutang : 1000000

Gaji : 8000000
Hutang : 1000000
Biaya Sehari Hari : 4900000.0
tabungan : 1400000.0
infraq : 700000.0

Ln 12, Col 26 Spaces: 4 UTF-8 CRLF Python
```