

## Praktikum Individu 3 – Artificial Intelligence

Nama : Abdullah Azzam

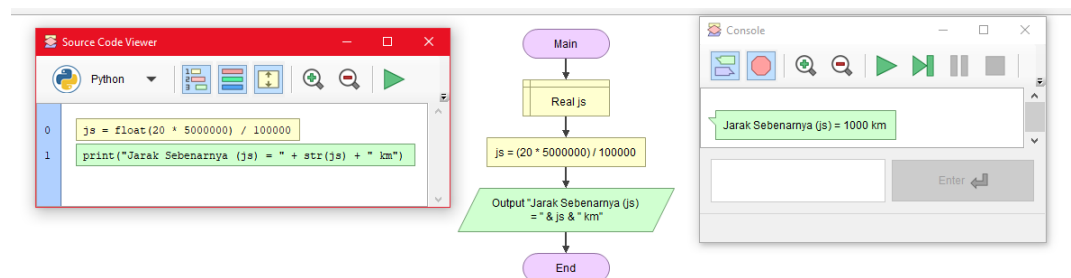
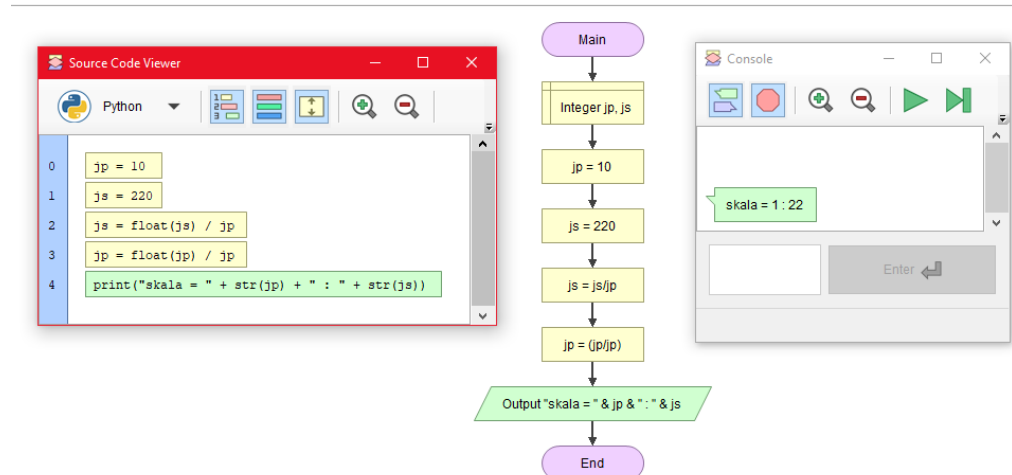
Nim : 20.01.013.075

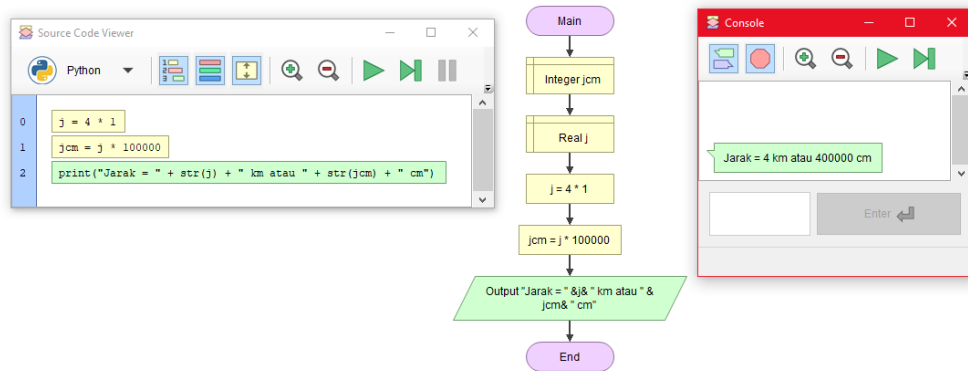
Kelas : Artificial Intelligence A >> Artificial Intelligence C

### KONSEP 1

#### Flowgorithm

- Nomor 1 – 3 :





## VS Code

- Nomor 1 - 3 : \*Silahkan Dizoom Untuk Memperjelas

```

P3_K1.py
1 # Nomor 1
2 print("\nKonsep 1_Nomor 1")
3 print("-----")
4 jp = 10
5 js = 220
6 js = float(js) / jp
7 jp = float(jp) / js
8 print("skala = " + str(jp) + " : " + str(js))
9
10 # Nomor 2
11 print("\n\nKonsep 1_Nomor 2")
12 print("-----")
13 j = 4 * 1
14 jcm = j * 100000
15 print("Jarak = " + str(j) + " km atau " + str(jcm) + " cm")
16
17 # Nomor 3
18 print("\n\nKonsep 1_Nomor 3")
19 print("-----")
20 j = 4 * 1
21 jcm = j * 100000
22 print("Jarak = " + str(j) + " km atau " + str(jcm) + " cm\n\n")
23
24
25
26
27

Terminal
PS E:\SMT 3\Artificial Intelligence\Assignment\Coding Assignment> python -u "e
:\SMT 3\Artificial Intelligence\Assignment\Coding Assignment\VP3_K1.py"

Konsep 1_Nomor 1
-----
skala = 1.0 : 22.0

Konsep 1_Nomor 2
-----
Jarak = 4 km atau 400000 cm

Konsep 1_Nomor 3
-----
Jarak = 4 km atau 400000 cm

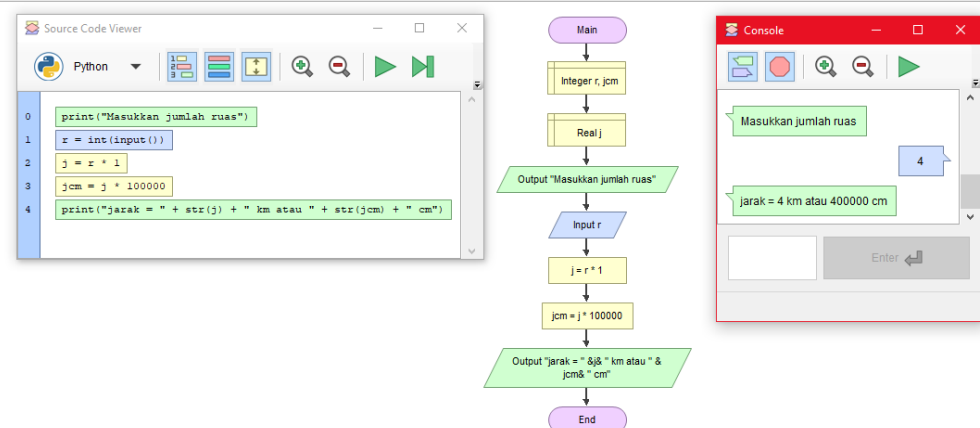
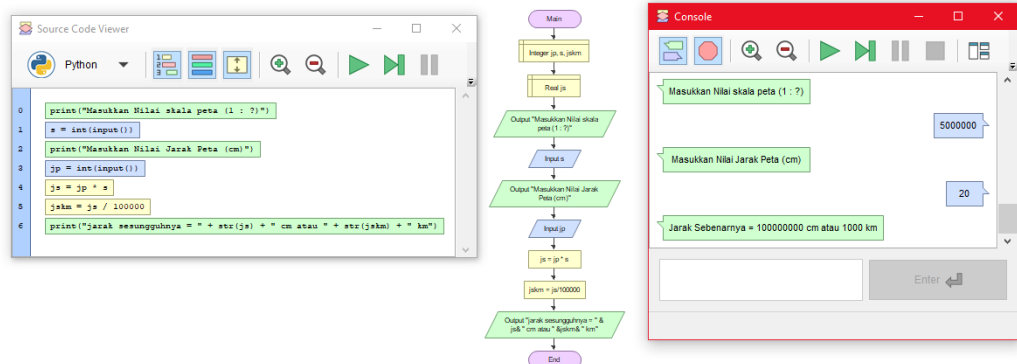
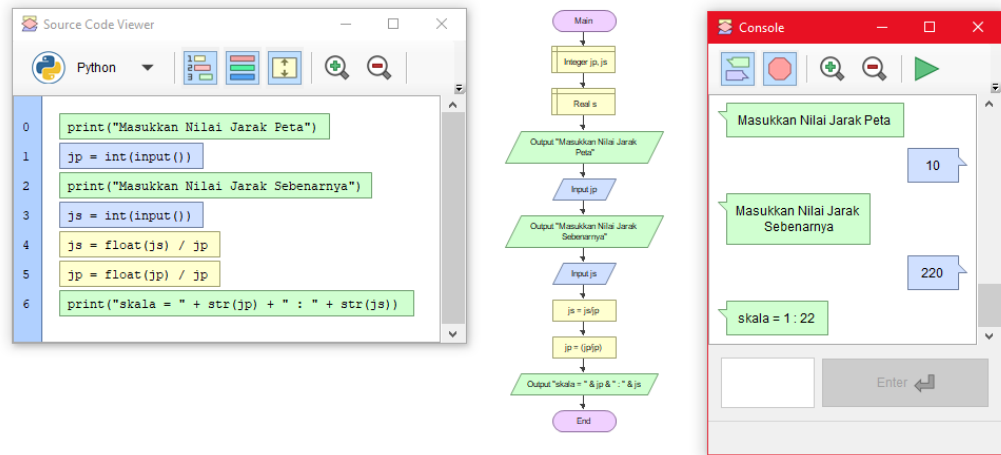
PS E:\SMT 3\Artificial Intelligence\Assignment\Coding Assignment>

```

## KONSEP 2

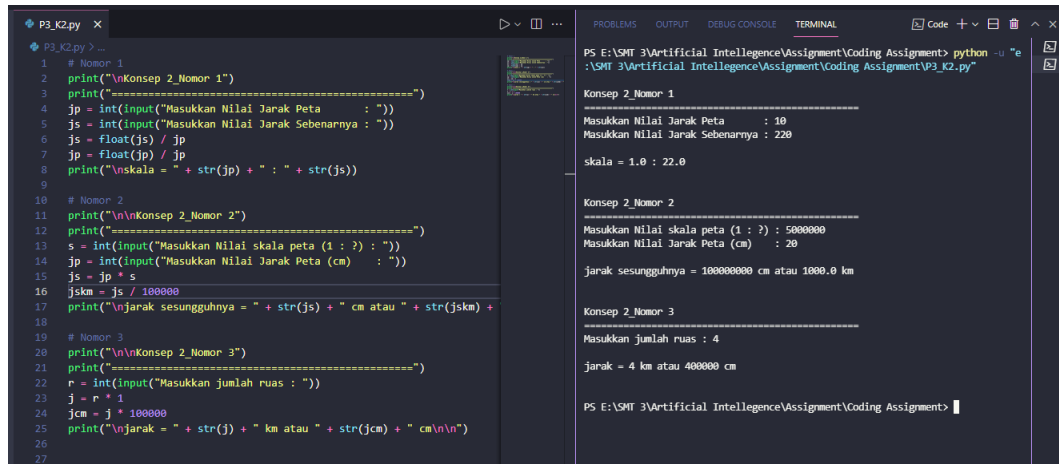
### Flowgorithm

- Nomor 1 - 3 :



## VS Code

- Nomor 1 - 3 : **\*Silahkan Dizoom Untuk Memperjelas**



The screenshot shows the VS Code interface with a Python file named `P3_K2.py` open. The code is a Python script that calculates distances and scales for three different scenarios. The output of the script is displayed in the terminal window on the right.

```
1 # Nomor 1
2 print("\nKonsep 2_Nomor 1")
3 print("=====")
4 jp = int(input("Masukkan Nilai Jarak Peta : "))
5 js = int(input("Masukkan Nilai Jarak Sebenarnya : "))
6 js = float(js) / jp
7 jp = float(jp) / js
8 print("\nskala = " + str(jp) + " : " + str(js))
9
10 # Nomor 2
11 print("\n\nKonsep 2_Nomor 2")
12 print("=====")
13 s = int(input("Masukkan Nilai skala peta (1 : ?) : "))
14 jp = int(input("Masukkan Nilai Jarak Peta (cm) : "))
15 js = jp * s
16 jskm = js / 100000
17 print("\nJarak sesungguhnya = " + str(js) + " cm atau " + str(jskm) + " km")
18
19 # Nomor 3
20 print("\n\nKonsep 2_Nomor 3")
21 print("=====")
22 r = int(input("Masukkan jumlah ruas : "))
23 j = r * 1
24 jcm = j * 100000
25 print("\nJarak = " + str(j) + " km atau " + str(jcm) + " cm\n\n")
26
27
```

The terminal output shows the results of the script execution:

```
PS E:\SMK 3\Artificial Intelligence\Assignment\Coding Assignment> python -u "e
:\SMK 3\Artificial Intelligence\Assignment\Coding Assignment\P3_K2.py"

Konsep 2_Nomor 1
=====
Masukkan Nilai Jarak Peta : 10
Masukkan Nilai Jarak Sebenarnya : 220
skala = 1.0 : 22.0

Konsep 2_Nomor 2
=====
Masukkan Nilai skala peta (1 : ?) : 5000000
Masukkan Nilai Jarak Peta (cm) : 20
Jarak sesungguhnya = 100000000 cm atau 1000.0 km

Konsep 2_Nomor 3
=====
Masukkan jumlah ruas : 4
Jarak = 4 km atau 400000 cm

PS E:\SMK 3\Artificial Intelligence\Assignment\Coding Assignment>
```

Terima Kasih