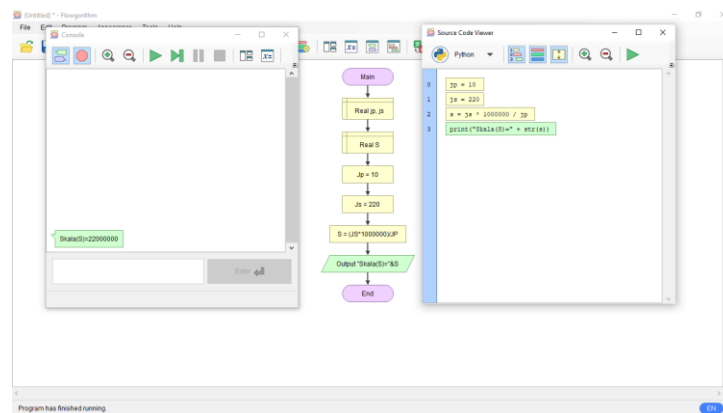


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Mata Kuliah : Kecerdasan Buatan

1. Seteng dan Labuhan Badas memiliki jarak pada suatu peta adalah 10 cm. Jika jarak sebenarnya antara Seteng dan Labuhan Badas adalah 220 km. Maka berapakah skala peta tersebut jika berdasarkan satuan cm?

Konsep 1

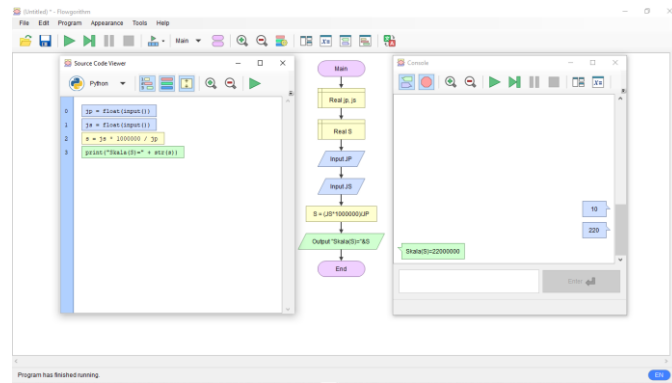


The screenshot shows a Python IDE with the following components:

- Source Code:** A Python script in a file named 'Fathiya R.py' with the following code:

```
1 j = 10
2 js = 220
3 S = 10 * 1000000 / js
4 print("Skala:" + str(S))
```
- Terminal:** The terminal shows the command prompt and the execution of the script, resulting in the output 'Skala:22000000'.

Konsep 2



The screenshot shows a Visual Studio Code editor with a Python file named 'Fatmasya X'. The code is as follows:

```

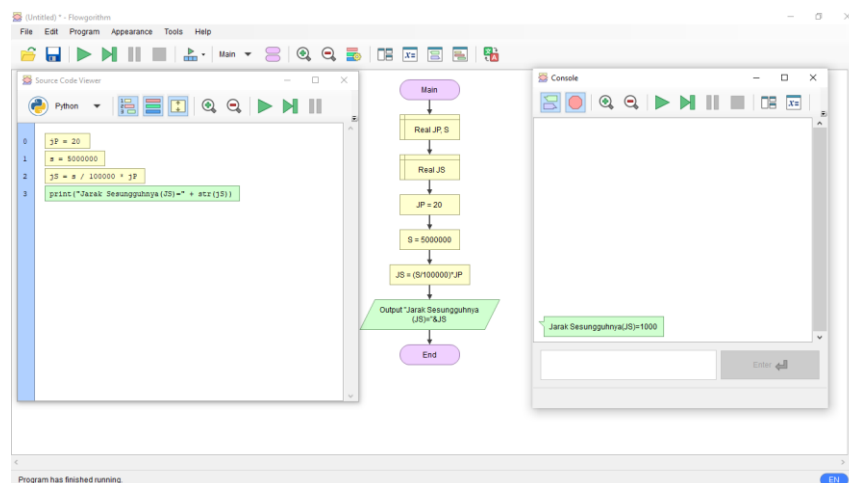
1 JP = float(input("Masukkan Jarak Pada Peta : "))
2 JS = float(input("Masukkan Jarak Sebenarnya : "))
3 S = JS * 1000000 / JP
4 print("Jarak JS=" + str(S))

```

The terminal at the bottom shows the command prompt output: 'Masukkan Jarak Pada Peta : 10', 'Masukkan Jarak Sebenarnya : 200', and 'Jarak JS=2000000.0'.

2. Dalam sebuah peta memiliki skala 1:5.000.000, jarak antara Seteng dan Labuhan Badas adalah 20 cm. Berapakah jarak sesungguhnya antara Seteng dan Labuhan Badas?

Konsep 1



```

1 JP = 20
2 s = 5000000
3 JS = s / 100000 * JP
4 print("Jarak Sesungguhnya(JS)=" + str(JS))
5

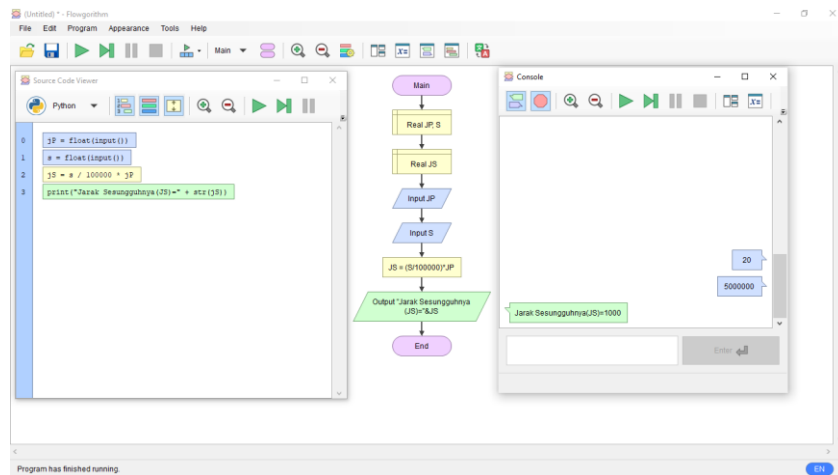
```

```

PS C:\AI_PYTHON LANGUAGE> & "C:\Users\AGUS\AppData\Local\Programs\Python\Python39\python.exe" "C:\Users\AGUS\vscode\extensions\ms-python.python-2021.1.1\dist\python-launcher\bin\python-launcher" "C:\Users\AGUS\vscode\extensions\ms-python.python-2021.1.1\dist\python-launcher\bin\python-launcher" "C:\Users\AGUS\vscode\extensions\ms-python.python-2021.1.1\dist\python-launcher\bin\python-launcher"
PS C:\AI_PYTHON LANGUAGE>

```

Konsep 2



```

1 JP = float(input("Masukkan Jarak pada peta = "))
2 s = float(input("Masukkan Skala = "))
3 JS = s / 100000 * JP
4 print("Jarak Sesungguhnya(JS)=" + str(JS))
5

```

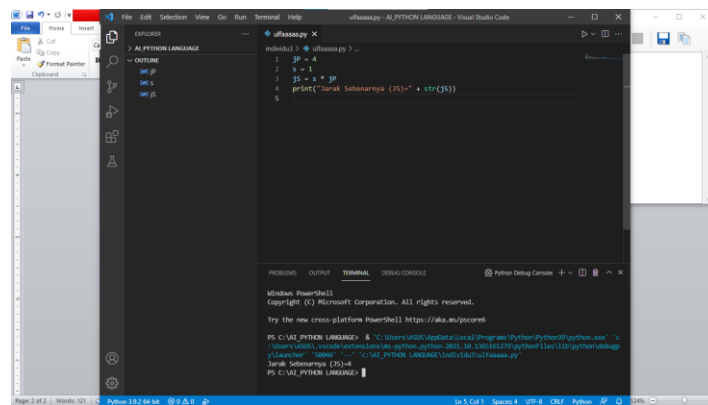
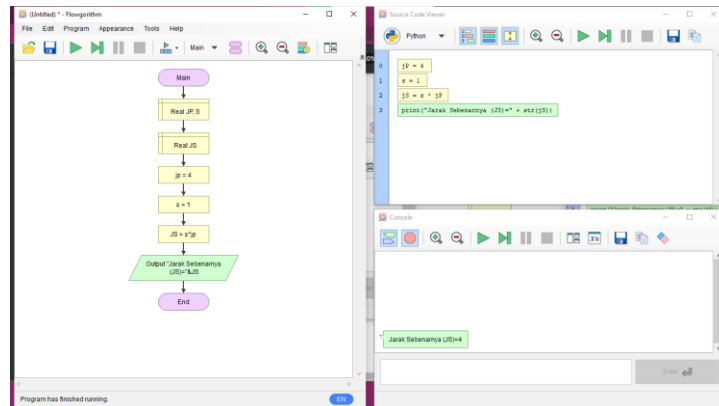
```

PS C:\AI_PYTHON LANGUAGE> & "C:\Users\AGUS\AppData\Local\Programs\Python\Python39\python.exe" "C:\Users\AGUS\vscode\extensions\ms-python.python-2021.1.1\dist\python-launcher\bin\python-launcher" "C:\Users\AGUS\vscode\extensions\ms-python.python-2021.1.1\dist\python-launcher\bin\python-launcher" "C:\Users\AGUS\vscode\extensions\ms-python.python-2021.1.1\dist\python-launcher\bin\python-launcher"
PS C:\AI_PYTHON LANGUAGE>

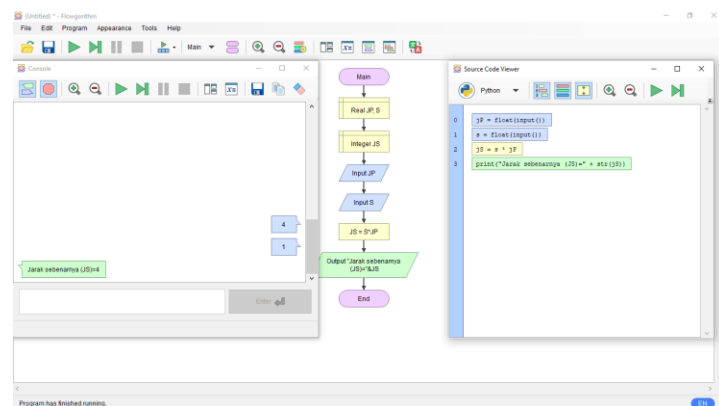
```

3. Misalnya jika jarak antara kecamatan Seteng dengan Kecamatan Labuhan Badas pada peta dengan skala batang adalah 4 ruas. Dan untuk satu ruas pada peta tersebut dianggap mewakili 1 km, maka berapakah jarak antara kedua kecamatan sesungguhnya?

Konsep 1



Konsep 2



The image shows a screenshot of the Visual Studio Code editor interface. The main editor window displays a Python script named 'Untitled-1.py'. The script contains the following code:

```
1 JP = float(input("Masukkan Jarak Pada Peta = "))
2 s = float(input("Masukkan Skala = "))
3 JS = s * JP
4 print("Jarak sebenarnya (JS) = " + str(JS))
5
```

The left sidebar shows the Explorer view with a file named 'Untitled-1.py'. The bottom status bar indicates the file is 'Untitled-1.py' and the Python language is selected.

The bottom panel shows the Output window with the following text:

```
Microsoft PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

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

PS C:\AI\PYTHON LANGUAGE> & "C:\Users\MS05\AppData\Local\Programs\Python\Python30\python.exe" -x
~\Users\MS05\.vscode\extensions\ms-python.python-2021.08.110281179\python\lib\id\python\debug
~\Users\MS05\.vscode\extensions\ms-python.python-2021.08.110281179\python\lib\id\python\debug
~\Users\MS05\.vscode\extensions\ms-python.python-2021.08.110281179\python\lib\id\python\debug
Masukkan Jarak Pada Peta = 4
Masukkan Skala = 1
Jarak sebenarnya (JS) = 4
PS C:\AI\PYTHON LANGUAGE>
```