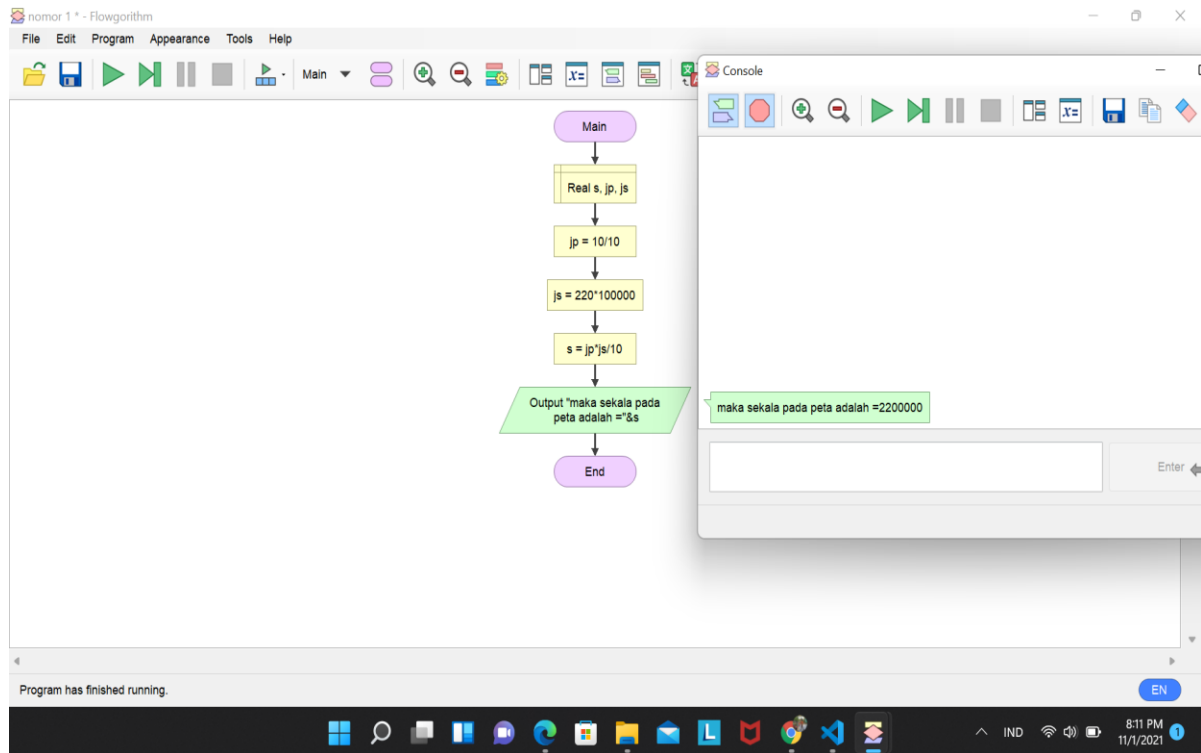


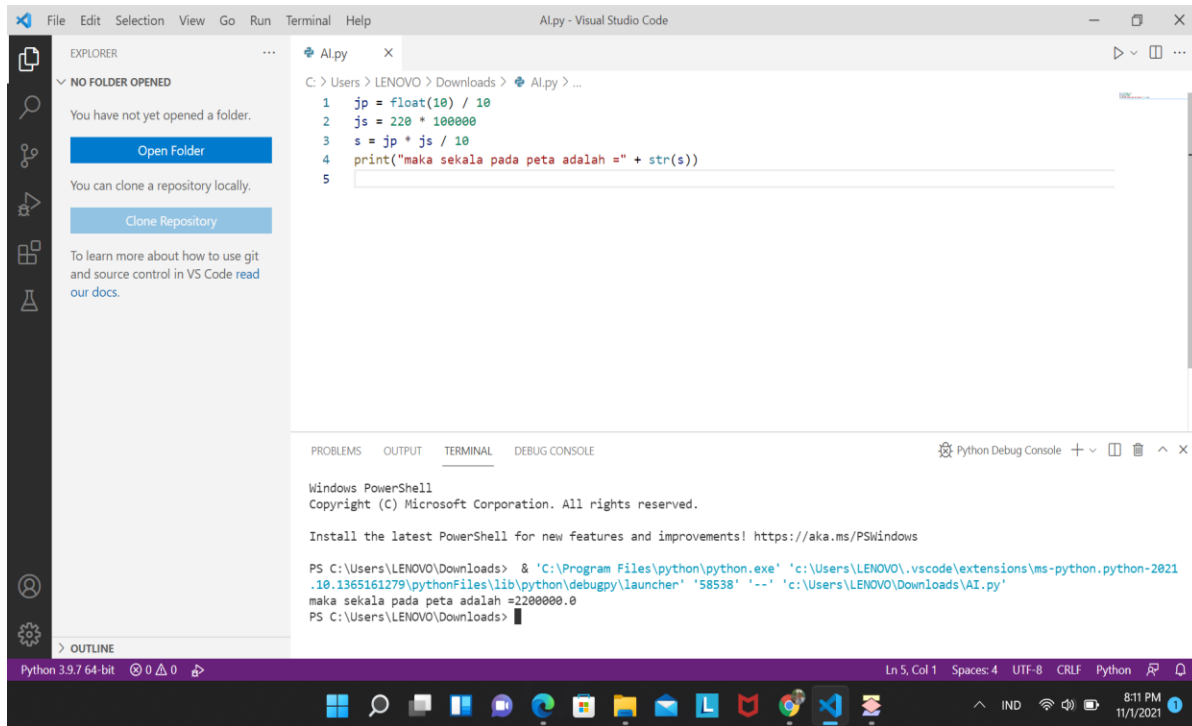
Nama : Arif annursida

Kelas : AI-B

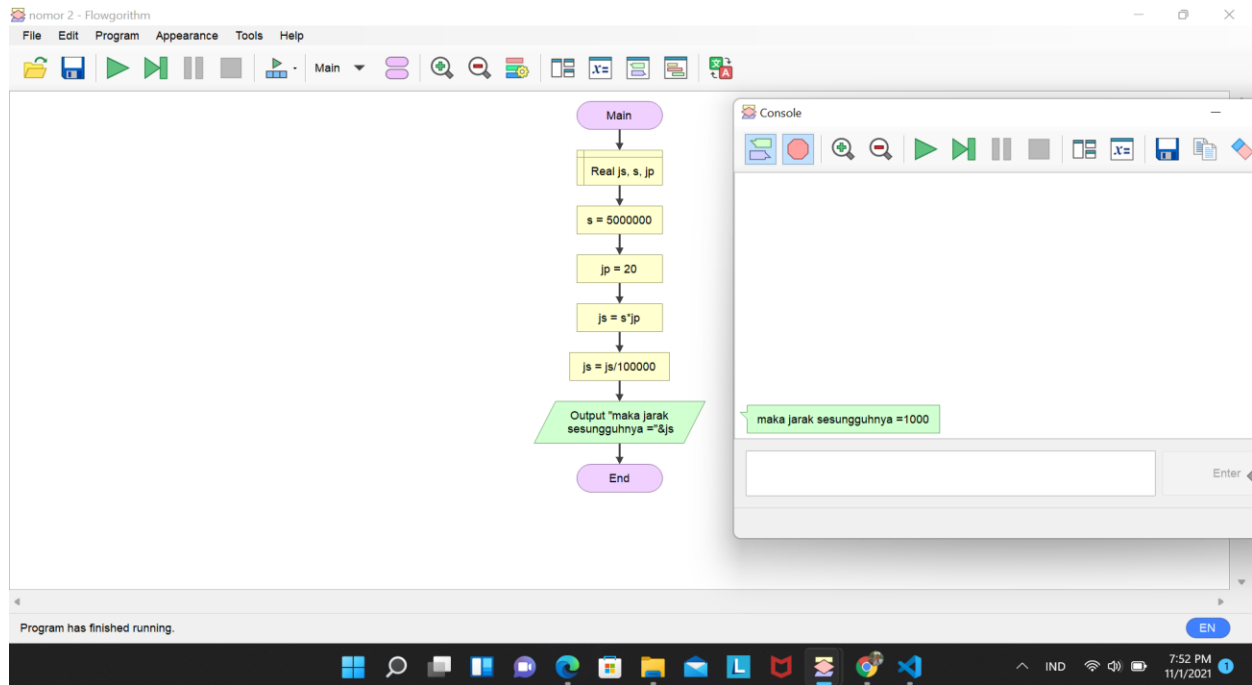
NIM : 20.01.013.045

1. Berapakah skala peta tersebut jika berdasarkan suatu CM?





## 2. Jarak sesungguhnya antara Setang dan Pelabuhan Badas



Visual Studio Code interface showing the Python script execution:

```
1 s = 5000000
2 jp = 20
3 js = s * jp
4 js = js / 100000
5 print("maka jarak sesungguhnya =" + str(js))
6
```

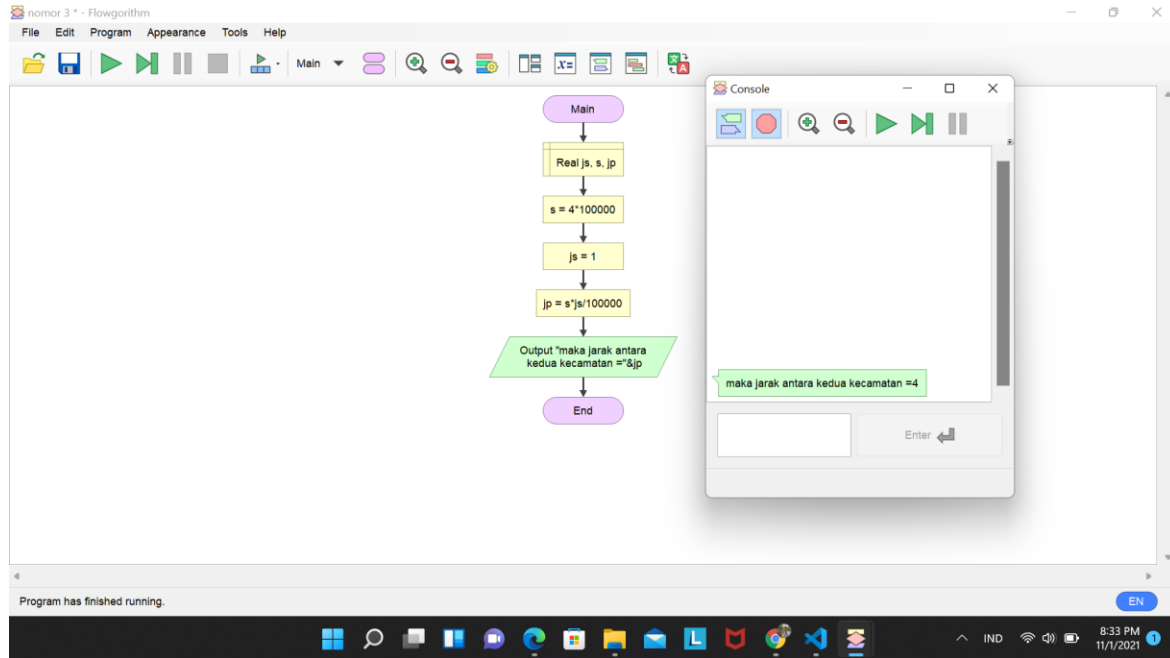
Terminal output:

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

Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\LENOVO\Downloads> & 'C:\Program Files\python\python.exe' 'c:\Users\LENOVO\.vscode\extensions\ms-python.python-2021.10.1365161279\pythonFiles\lib\python\debugpy\launcher' '51432' '--' 'c:\Users\LENOVO\Downloads\AI.py'
maka jarak sesungguhnya =1000.0
PS C:\Users\LENOVO\Downloads>
```

### 3. Berapakah Jarak antara kedua kecamatan sesungguhnya ?



The image shows a Visual Studio Code editor with a Python script named 'AI.py' open. The script calculates the distance between two districts using the same logic as the Flowgorithm program. The output of the script is displayed in the terminal window.

```
1 s = 4 * 100000
2 js = 1
3 jp = s * js / 100000
4 print("maka jarak antara kedua kecamatan =" + str(jp))
5
```

Terminal Output:

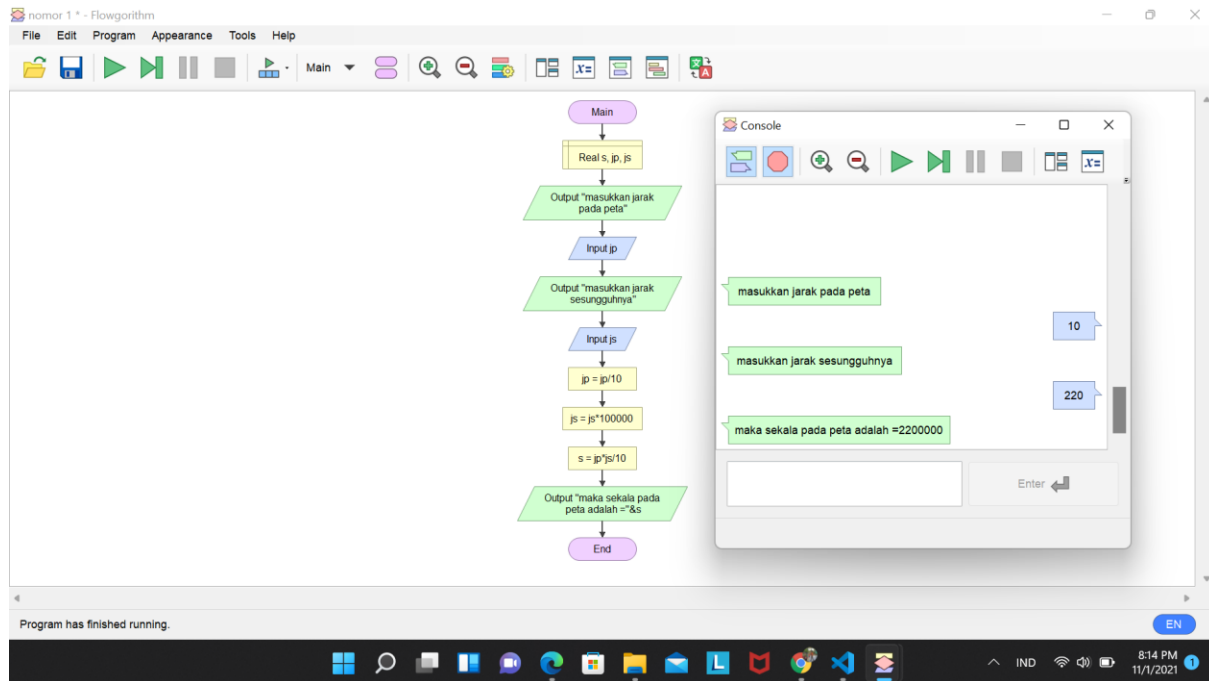
```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\LENOVO\Downloads> & 'C:\Program Files\python\python.exe' 'c:\Users\LENOVO\.vscode\extensions\ms-python.python-2021.10.1365161279\pythonFiles\lib\python\debugpy\launcher' '58739' '--' 'c:\Users\LENOVO\Downloads\AI.py'
maka jarak antara kedua kecamatan =4.0
PS C:\Users\LENOVO\Downloads>
```

## Konsep 2

1. Berapakah Sekalah peta tersebut jika Berdasarkan suatu cm?



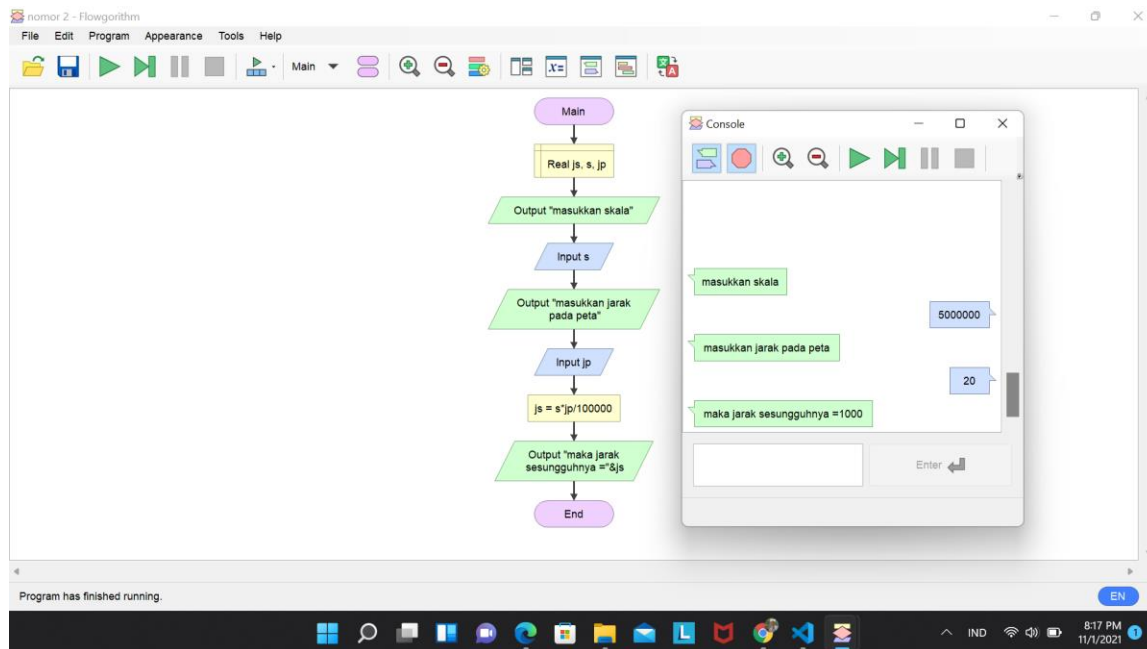
Visual Studio Code editor showing the Python code for the map scale calculation.

```
1 print("masukkan jarak pada peta")
2 jp = float(input())
3 print("masukkan jarak sesungguhnya")
4 js = float(input())
5 jp = jp / 10
6 js = js * 100000
7 s = jp * js / 10
8 print("maka skala pada peta adalah =" + str(s))
9
```

Terminal output:

```
PS C:\Users\LENOVO\Downloads> & 'C:\Program Files\python\python.exe' 'c:\Users\LENOVO\.vscode\extensions\ms-python.python-2021.10.1365161279\pythonFiles\lib\python\debugpy\launcher' '58595' '--' 'c:\Users\LENOVO\Downloads\AI.py'
masukkan jarak pada peta
10
masukkan jarak sesungguhnya
220
maka skala pada peta adalah =2200000.0
PS C:\Users\LENOVO\Downloads>
```

## 2. Jarak sesungguhnya antara sateng dan pelabuhan badas?



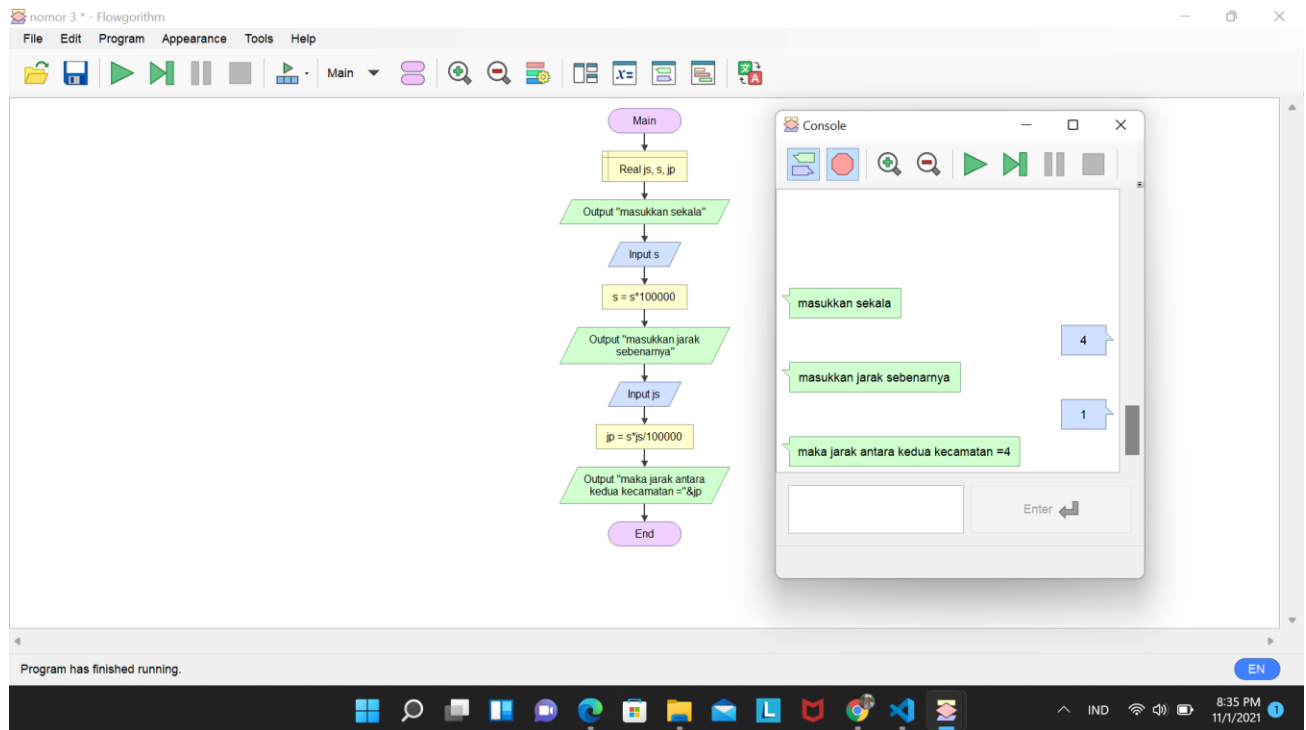
Visual Studio Code interface showing the Python script and its execution output.

```
1 print("masukkan skala")
2 s = float(input())
3 print("masukkan jarak pada peta")
4 jp = float(input())
5 js = s * jp / 100000
6 print("maka jarak sesungguhnya =" + str(js))
7
```

Terminal Output:

```
PS C:\Users\LENOVO\Downloads> & 'C:\Program Files\python\python.exe' 'c:\Users\LENOVO\.vscode\extensions\ms-python.python-2021.10.1365161279\pythonFiles\lib\python\debugpy\launcher' '58626' '--' 'c:\Users\LENOVO\Downloads\AI.py'
masukkan skala
5000000
masukkan jarak pada peta
20
maka jarak sesungguhnya =1000.0
PS C:\Users\LENOVO\Downloads>
```

### 3. Berapakah jarak antara kedua kecamatan sesungguhnya?



Visual Studio Code interface showing the Python code for the program and the terminal output.

```
1 print("masukkan sekala")
2 s = float(input())
3 s = s * 100000
4 print("masukkan jarak sebenarnya")
5 js = float(input())
6 jp = s * js / 100000
7 print("maka jarak antara kedua kecamatan =" + str(jp))
8
```

Terminal output:

```
PS C:\Users\LENOVO\Downloads> & 'C:\Program Files\python\python.exe' 'c:\Users\LENOVO\.vscode\extensions\ms-python.python-2021.10.1365161279\pythonFiles\lib\python\debugpy\launcher' '58770' '--' 'c:\Users\LENOVO\Downloads\AI.py'
masukkan sekala
4
masukkan jarak sebenarnya
1
maka jarak antara kedua kecamatan =4.0
PS C:\Users\LENOVO\Downloads>
```