NAMA : GUSLINA TRI SANTIKA

NIM : 20.01.013.049

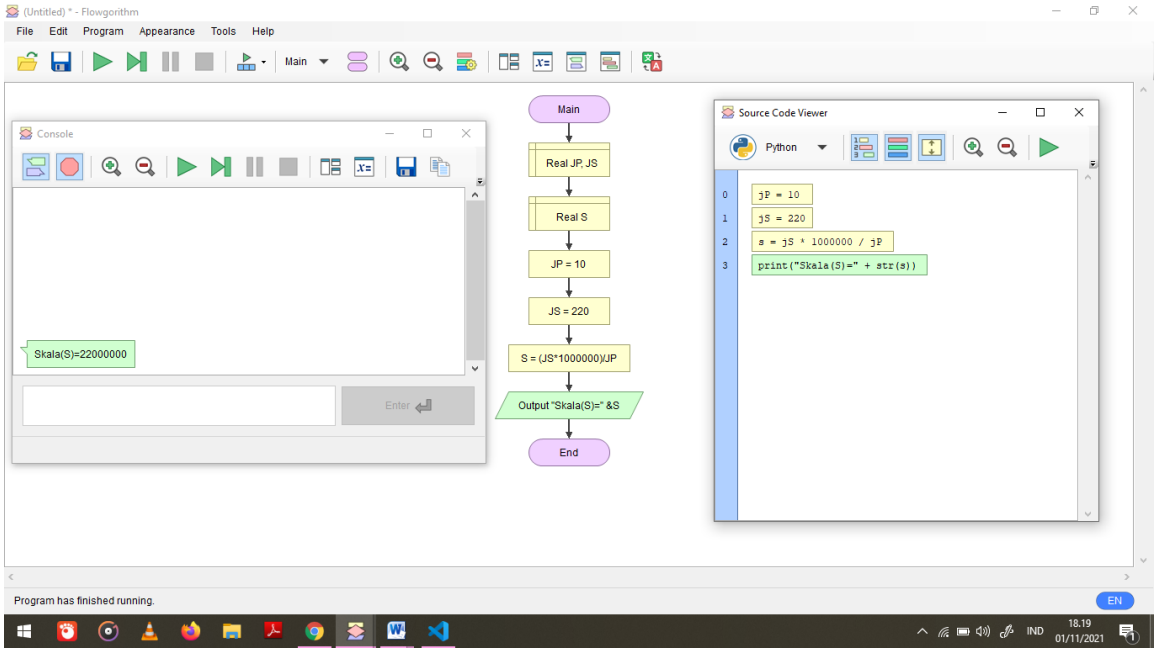
KELAS : ARTIFICIAL INTELLIGENCE – 3B

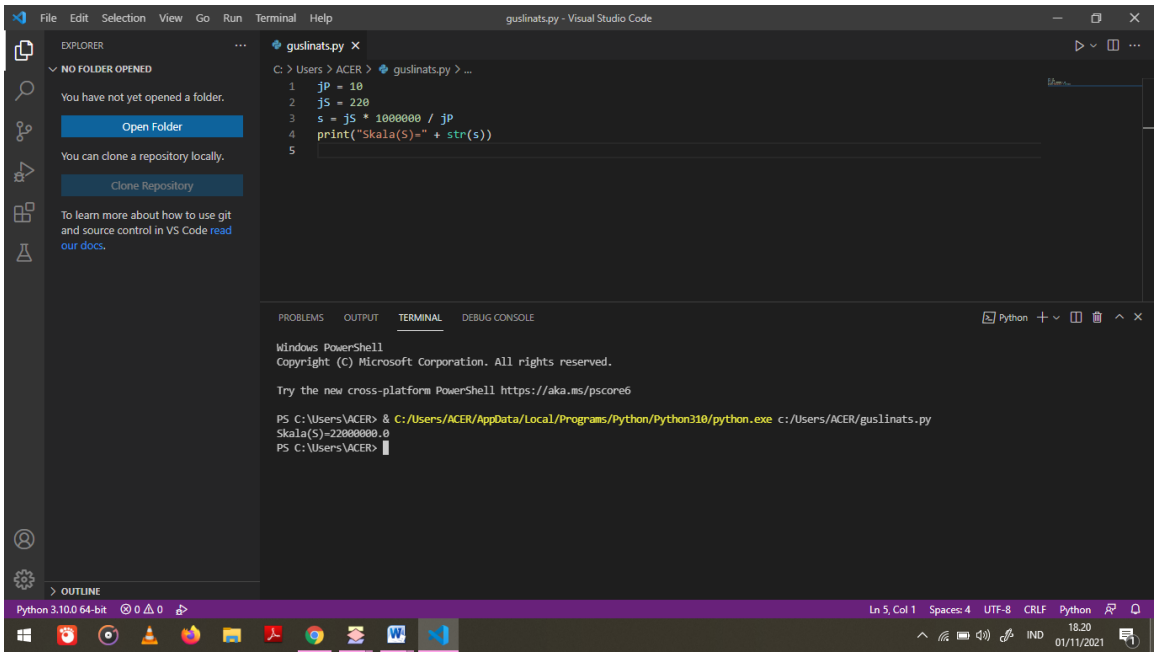
TUGAS PRAKTIKUM INDIVIDU - IV

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?

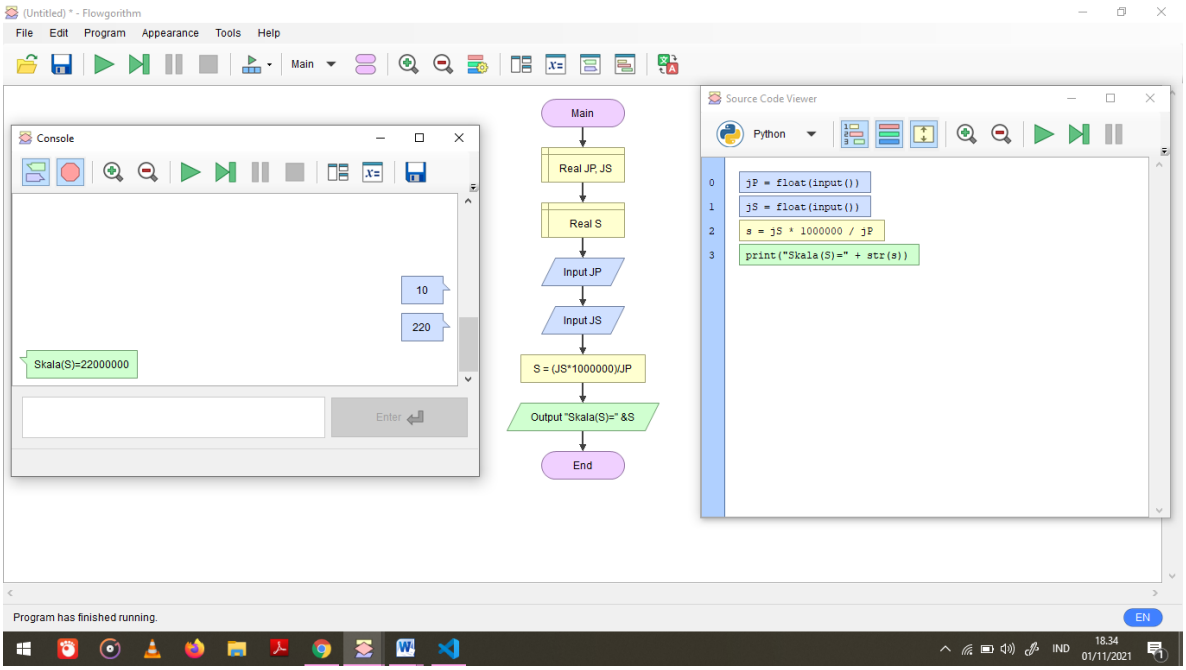
Jawaban :

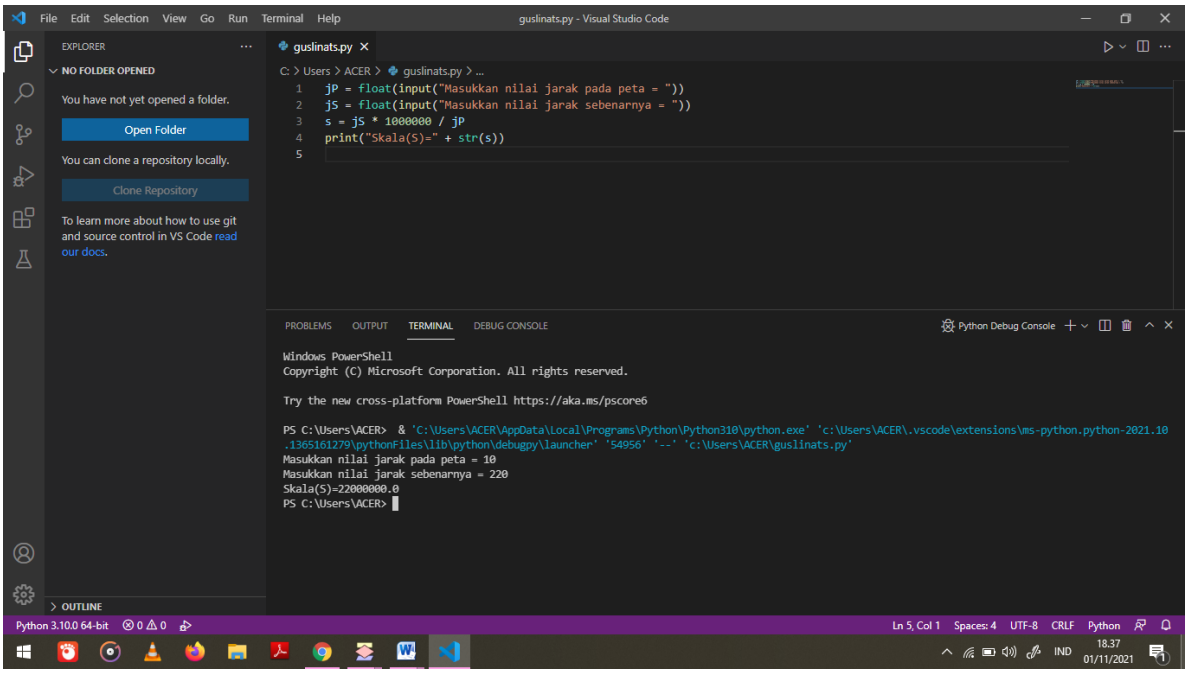
- **Konsep 1 :**





- **Konsep 2 :**


(Untitled) * - Flowgorithm
File Edit Program Appearance Tools Help
Main
Console
10
220
Skala(S)=22000000
Enter
Main
Real JP, JS
Real S
Input JP
Input JS
S = (JS*1000000)/JP
Output "Skala(S)=" &S
End
Source Code Viewer
Python
0 jP = float(input())
1 jS = float(input())
2 s = jS * 1000000 / jP
3 print("Skala(S)=" + str(s))
Program has finished running.
EN
IND
18.34
01/11/2021


File Edit Selection View Go Run Terminal Help
guslinats.py - Visual Studio Code
EXPLORER
NO FOLDER OPENED
You have not yet opened a folder.
Open Folder
You can clone a repository locally.
Clone Repository
To learn more about how to use git and source control in VS Code read our docs.
guslinats.py
C: > Users > ACER > guslinats.py > ...
1 jP = float(input("Masukkan nilai jarak pada peta = "))
2 jS = float(input("Masukkan nilai jarak sebenarnya = "))
3 s = jS * 1000000 / jP
4 print("Skala(S)=" + str(s))
5
PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE
Python Debug Console
Windows PowerShell
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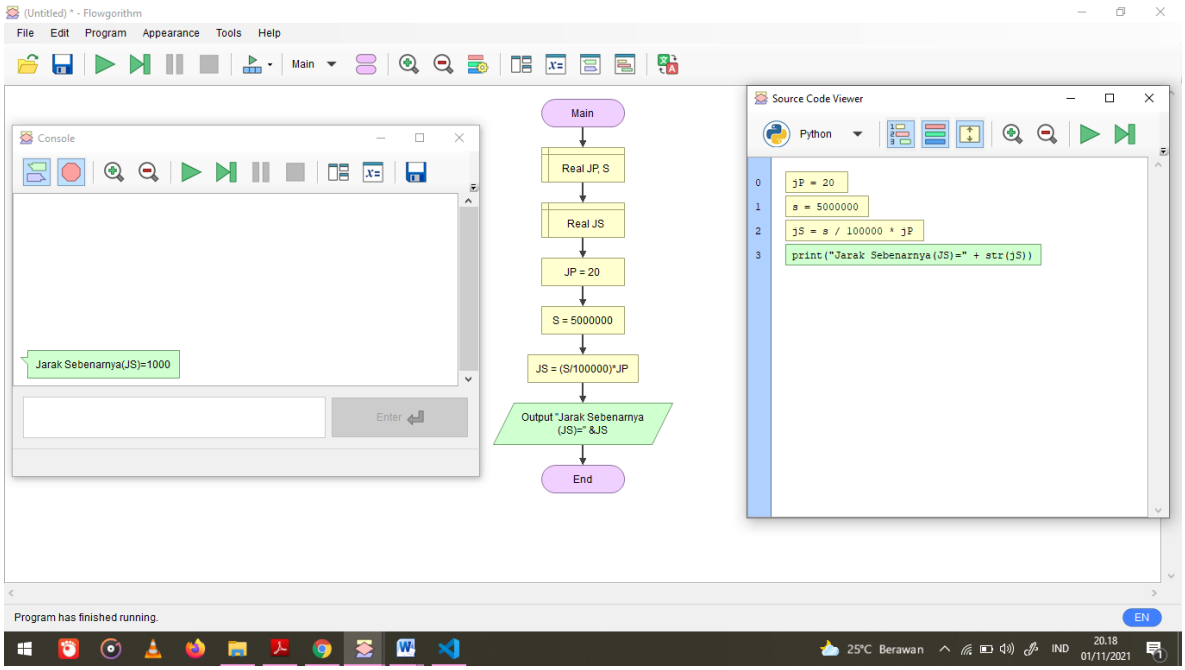
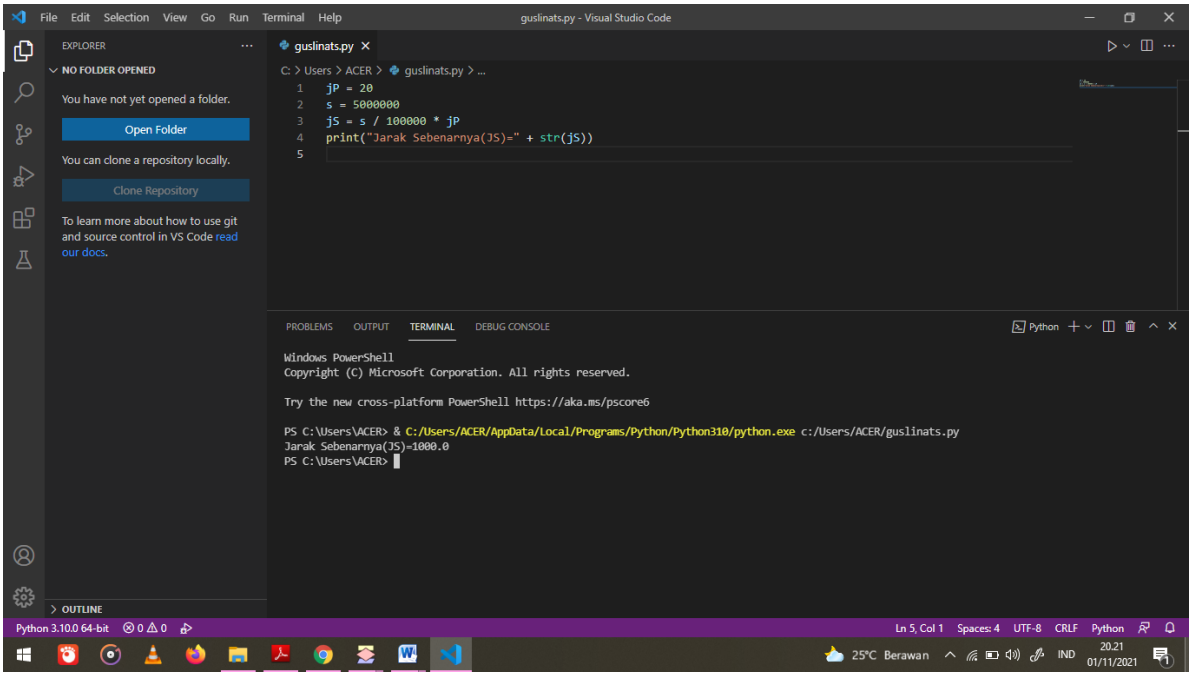
Try the new cross-platform PowerShell https://aka.ms/pscore6
PS C:\Users\ACER> & 'C:\Users\ACER\AppData\Local\Programs\Python\Python310\python.exe' 'c:\Users\ACER\.vscode\extensions\ms-python.python-2021.10.1365161279\pythonFiles\lib\python\debugpy\launcher' '54956' '--' 'c:\Users\ACER\guslinats.py'
Masukkan nilai jarak pada peta = 10
Masukkan nilai jarak sebenarnya = 220
Skala(S)=22000000.0
PS C:\Users\ACER>
OUTLINE
Python 3.10.0 64-bit
Ln 5, Col 1 Spaces: 4 UTF-8 CRLF Python
IND
18.37
01/11/2021

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?

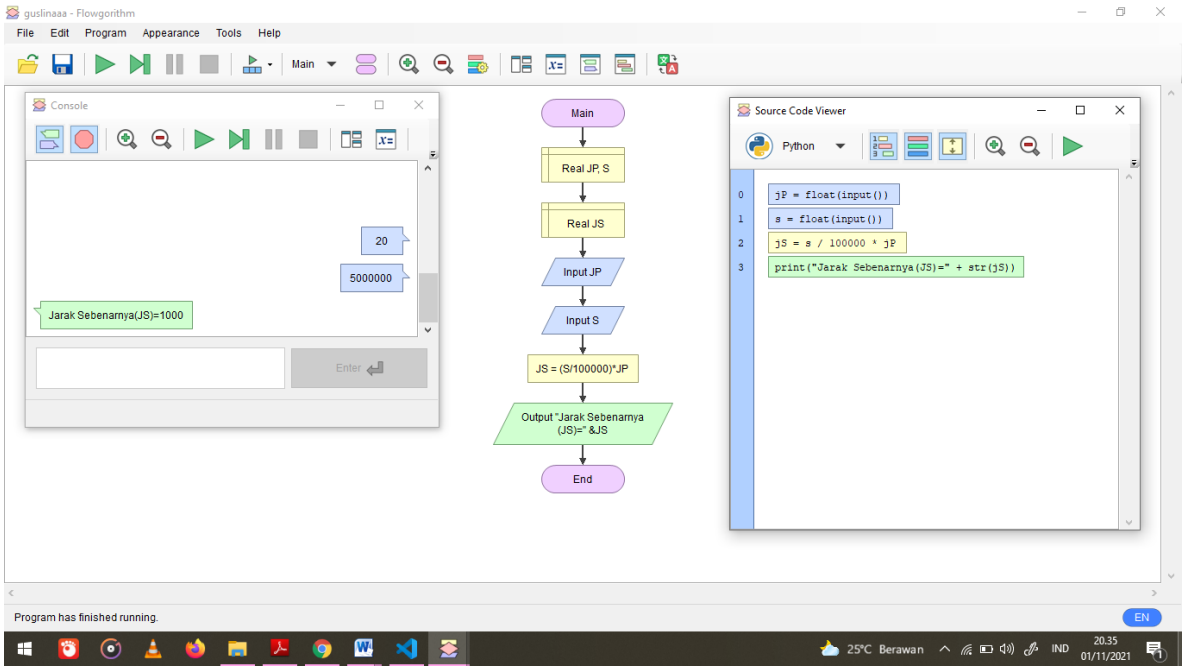
Jawaban :

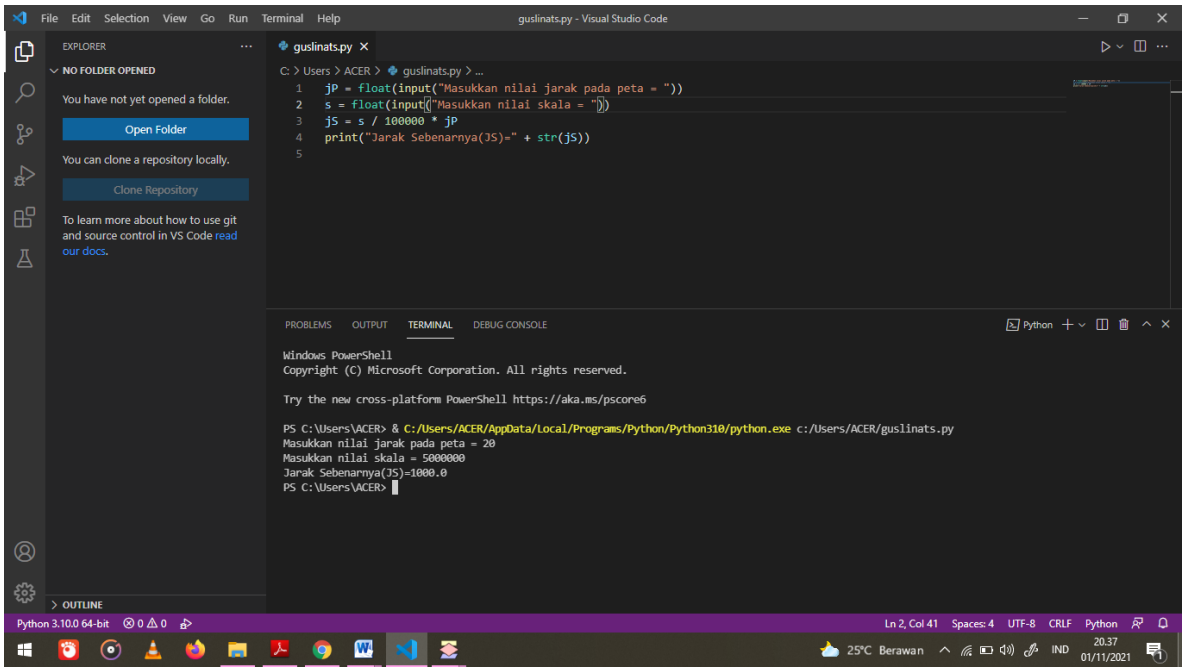
- **Konsep 1 :**





- **Konsep 2 :**


guslinaaa - Flowgorithm
File Edit Program Appearance Tools Help
Main
Console
20
5000000
Jarak Sebenarnya(JS)=1000
Enter
Main
Real JP, S
Real JS
Input JP
Input S
JS = (S/100000)*JP
Output "Jarak Sebenarnya (JS)=" &JS
End
Source Code Viewer
Python
0 jP = float(input())
1 s = float(input())
2 jS = s / 100000 * jP
3 print("Jarak Sebenarnya(JS)=" + str(jS))
Program has finished running.
EN
25°C Berawan
IND
20.35
01/11/2021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guslinats.py
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1 jP = float(input("Masukkan nilai jarak pada peta = "))
2 s = float(input("Masukkan nilai skala = "))
3 jS = s / 100000 * jP
4 print("Jarak Sebenarnya(JS)=" + str(jS))
5
PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE
Python
Windows PowerShell
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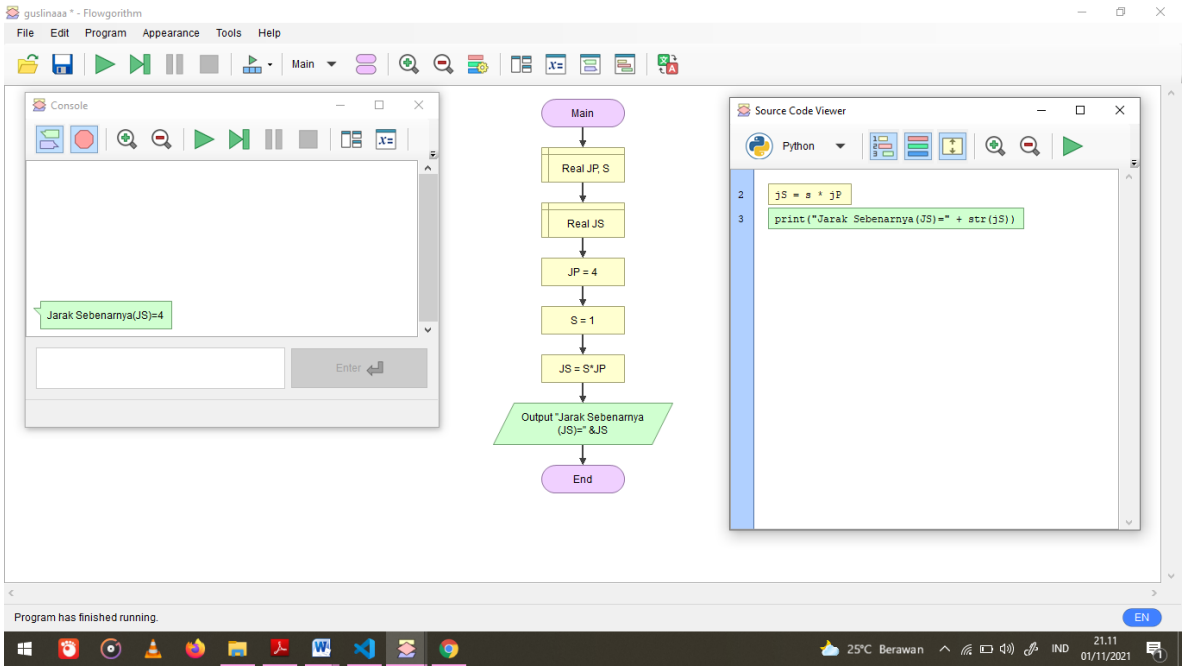
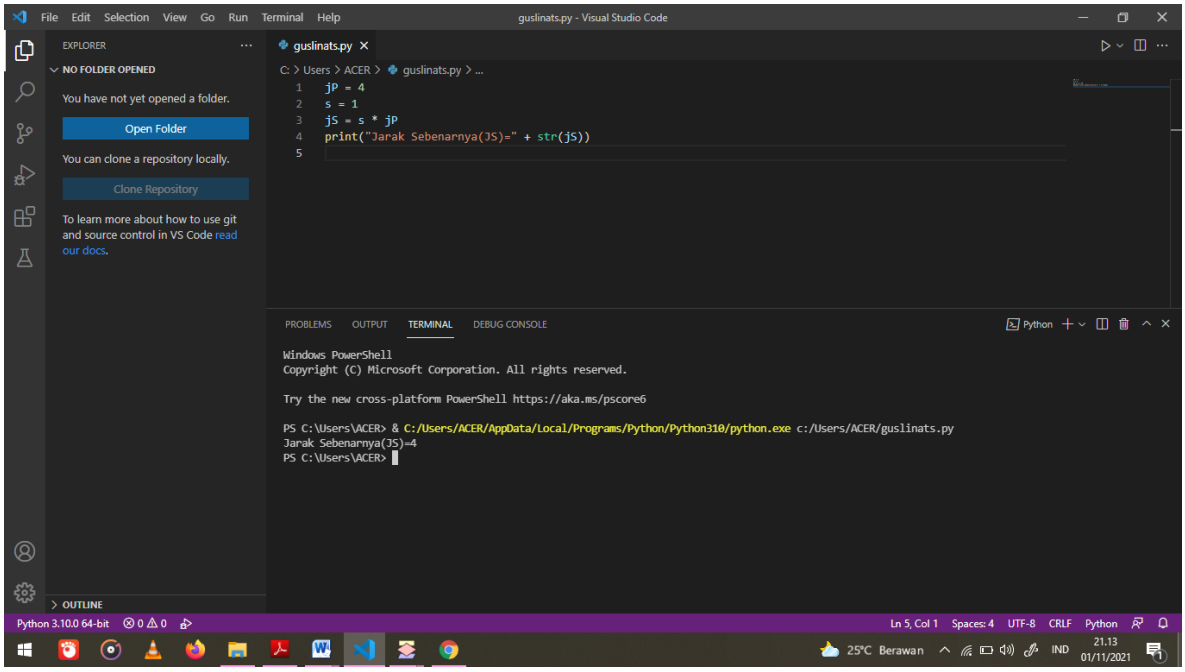
Try the new cross-platform PowerShell https://aka.ms/pscore6
PS C:\Users\ACER> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/ACER/guslinats.py
Masukkan nilai jarak pada peta = 20
Masukkan nilai skala = 5000000
Jarak Sebenarnya(JS)=1000.0
PS C:\Users\ACER>
OUTLINE
Python 3.10.0 64-bit
Ln 2, Col 41 Spaces: 4 UTF-8 CRLF Python
25°C Berawan
IND
20.37
01/11/2021

3. Misalnya jika jarak antara kecematan 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?

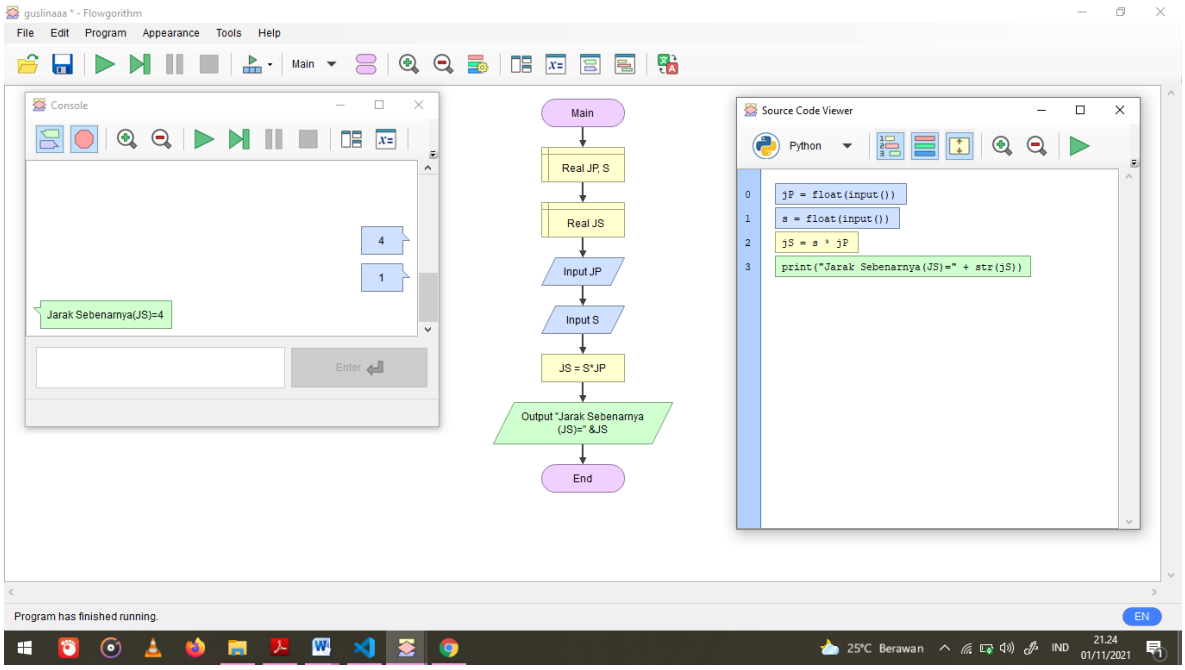
Jawaban :

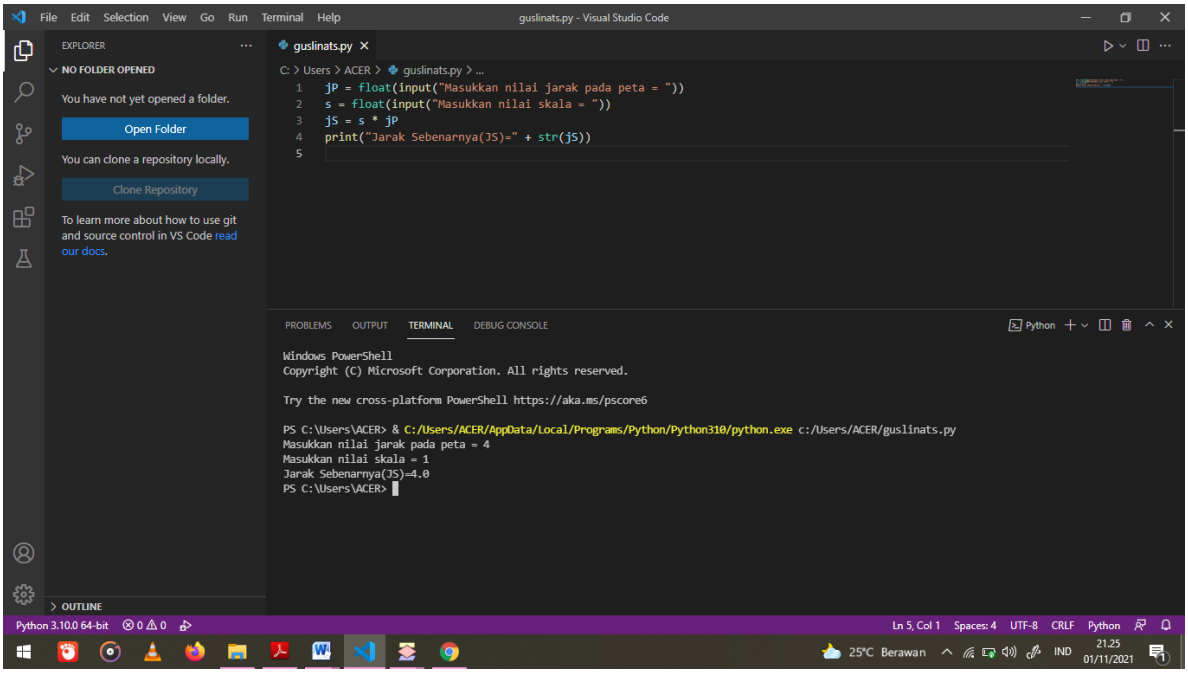
- **Konsep 1 :**





- **Konsep 2 :**


guslinaaa * - Flowgorithm
File Edit Program Appearance Tools Help
Main
Console
4
1
Jarak Sebenarnya(JS)=4
Enter
Main
Real JP, S
Real JS
Input JP
Input S
JS = S*JP
Output "Jarak Sebenarnya (JS)=" &JS
End
Source Code Viewer
Python
0 jP = float(input())
1 s = float(input())
2 jS = s * jP
3 print("Jarak Sebenarnya(JS)=" + str(jS))
Program has finished running.
EN
25°C Berawan
IND
21.24
01/11/2021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2 s = float(input("Masukkan nilai skala = "))
3 jS = s * jP
4 print("Jarak Sebenarnya(JS)=" + str(jS))
5
PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE
Python
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.
Try the new cross-platform PowerShell https://aka.ms/pscore6
PS C:\Users\ACER> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/ACER/guslinats.py
Masukkan nilai jarak pada peta = 4
Masukkan nilai skala = 1
Jarak Sebenarnya(JS)=4.0
PS C:\Users\ACER>
OUTLINE
Python 3.10.0 64-bit
Ln 5, Col 1 Spaces: 4 UTF-8 CRLF Python
25°C Berawan
IND
21.25
01/11/2021