

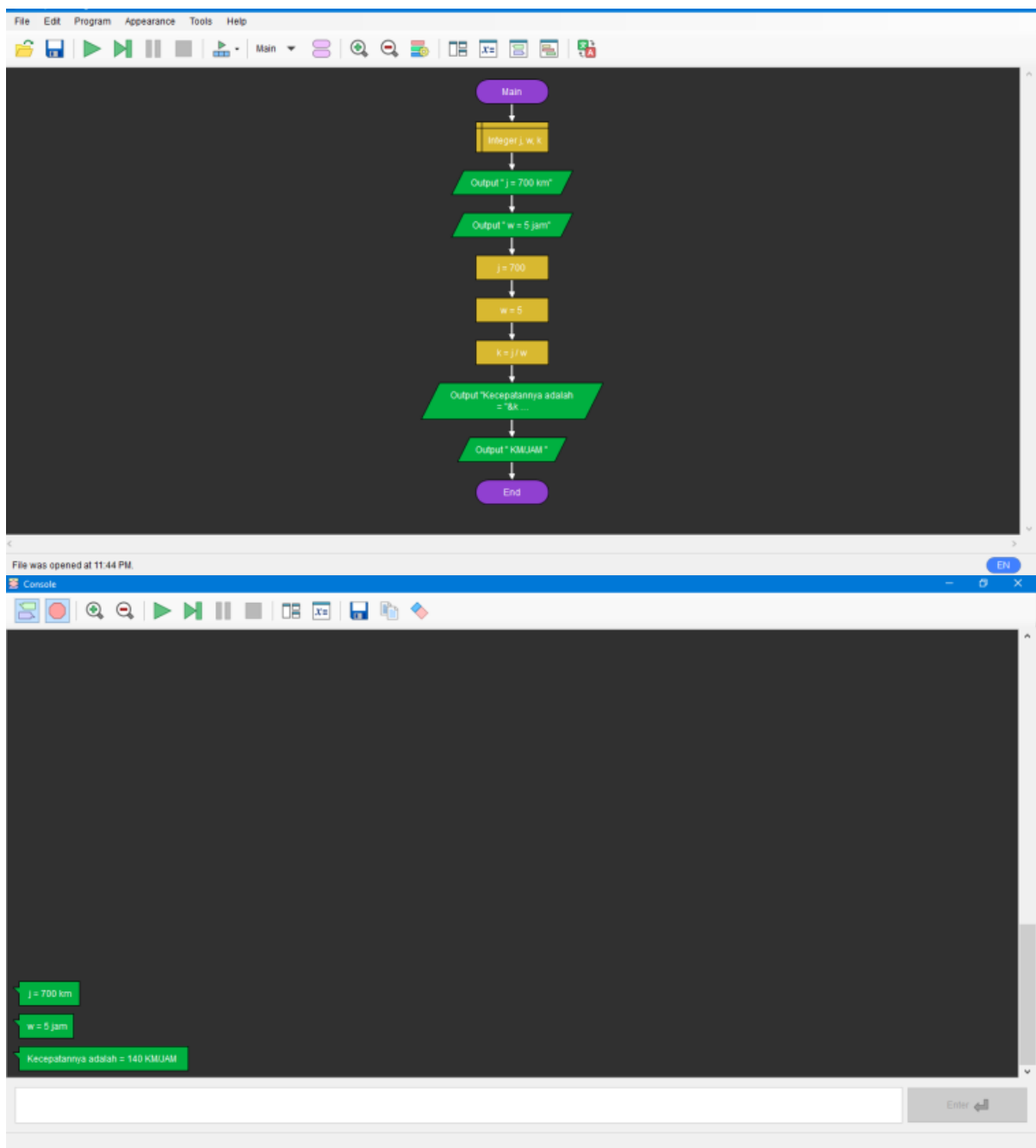
Nama : M.Dimas Sakti Maulana

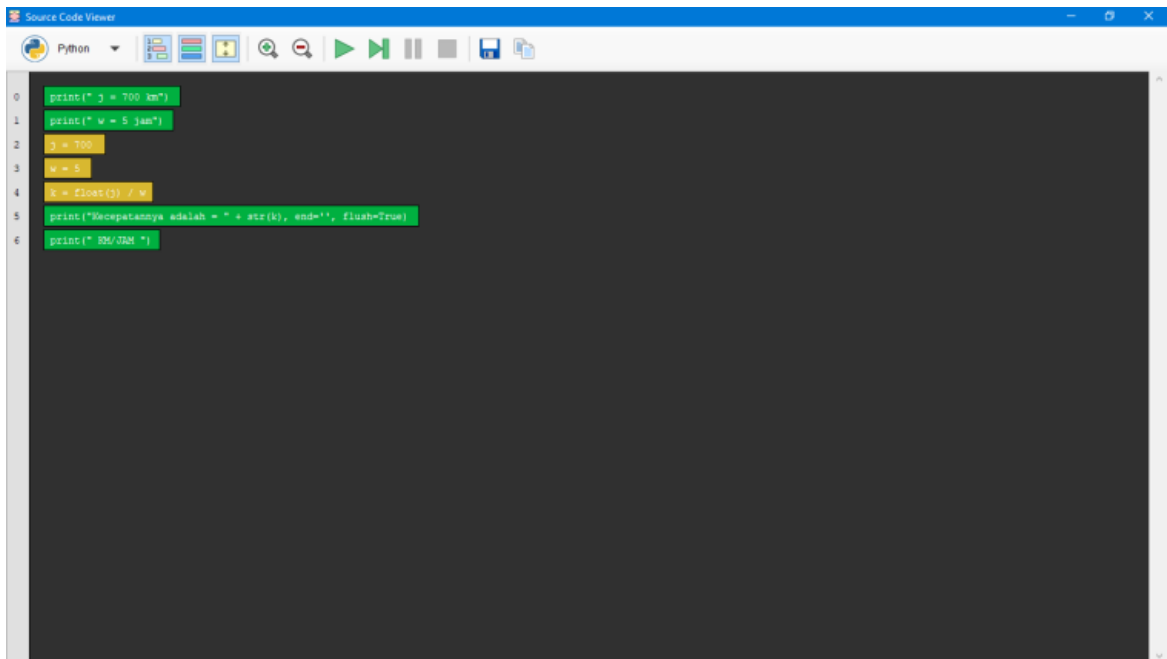
NIM : 20.01.013.037

Matkul : Artificial Intelligence

1. Rossi mengendarai motor GP di lintasan balap dengan kecepatan tetap. Dalam 5 jam, motor tersebut sudah menempuh jarak 700 km. Berapa Kecepatan Motor GP Rossi?

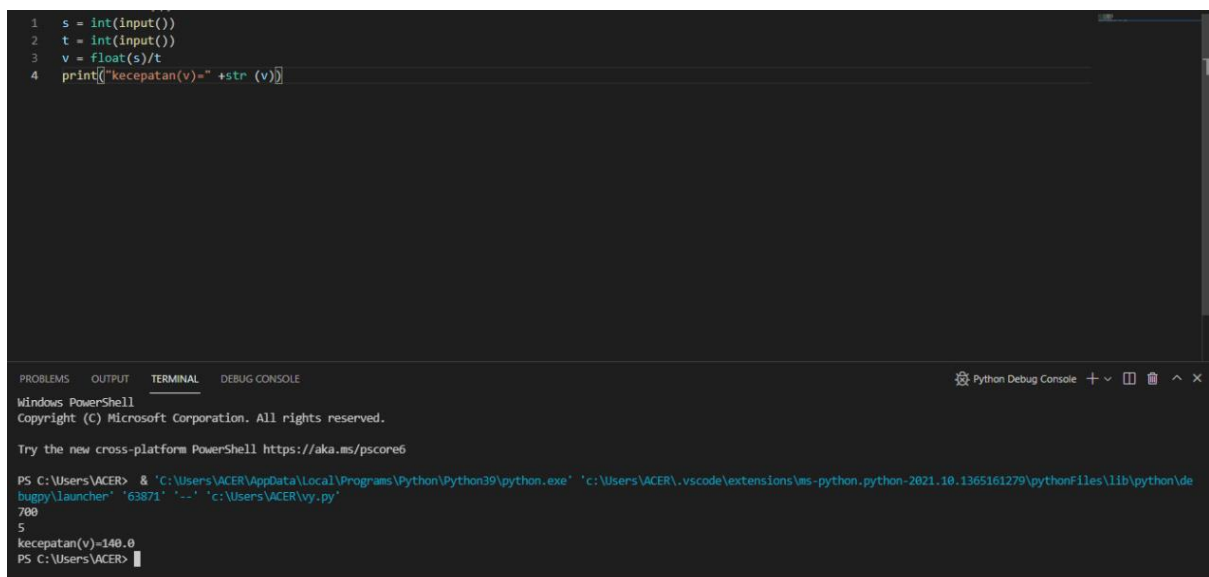
Konsep 1





```
0 print("j = 700 km")
1 print("w = 5 jam")
2 j = 700
3 w = 5
4 t = float(s) / w
5 print("kecepatannya adalah = " + str(k), end="", flush=True)
6 print(" km/jam ")
```

Hasil yang dimasukkan ke VSCode



```
1 s = int(input())
2 t = int(input())
3 v = float(s)/t
4 print("kecepatan(v)=" +str (v))
```

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE

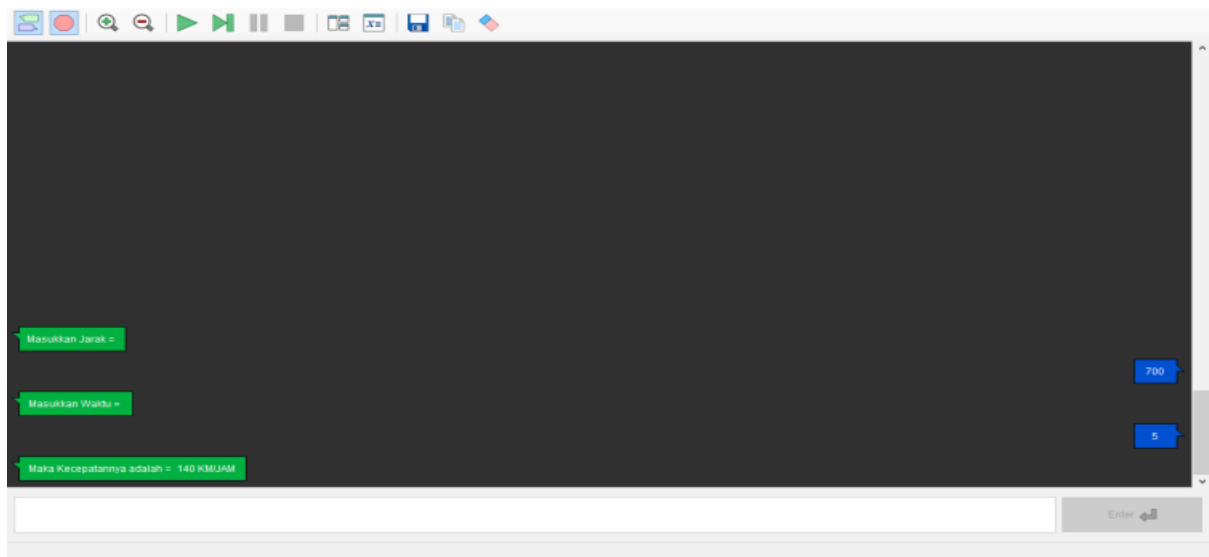
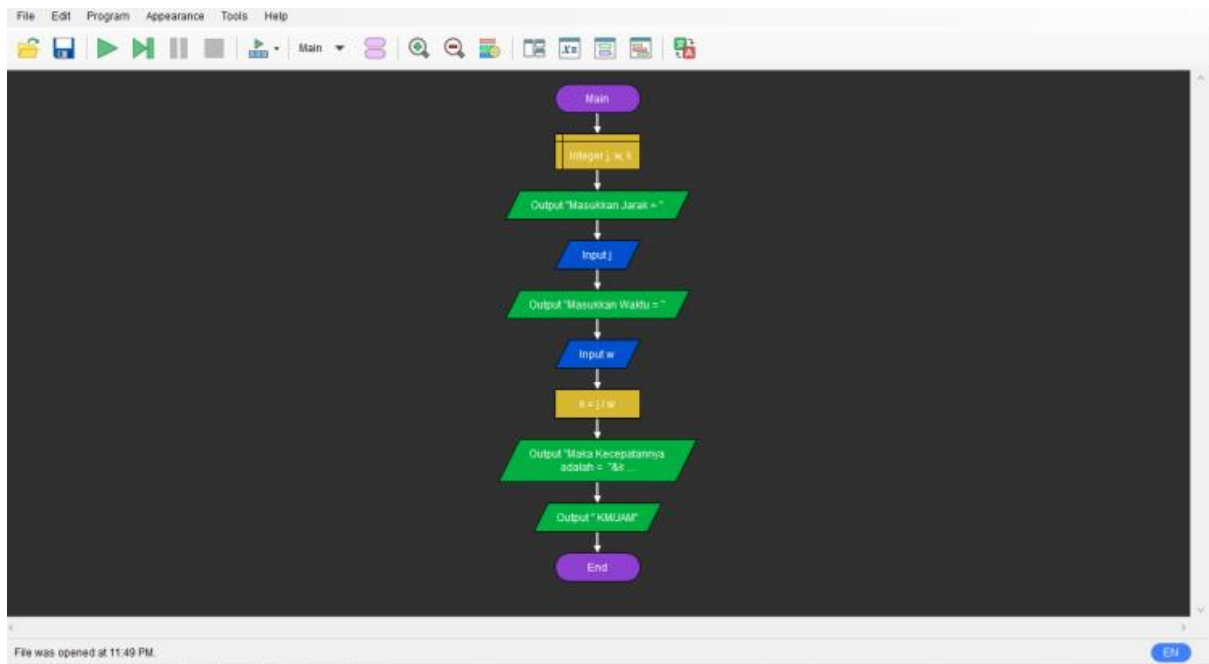
Windows PowerShell
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Try the new cross-platform PowerShell <https://aka.ms/pscore6>

PS C:\Users\VACER> & "C:\Users\VACER\AppData\Local\Programs\Python\Python39\python.exe" "c:\Users\VACER\.vscode\extensions\ms-python.python-2021.10.1365161279\pythonFiles\lib\python\debugpy\launcher" "63871" "--" "c:\Users\VACER\vy.py"

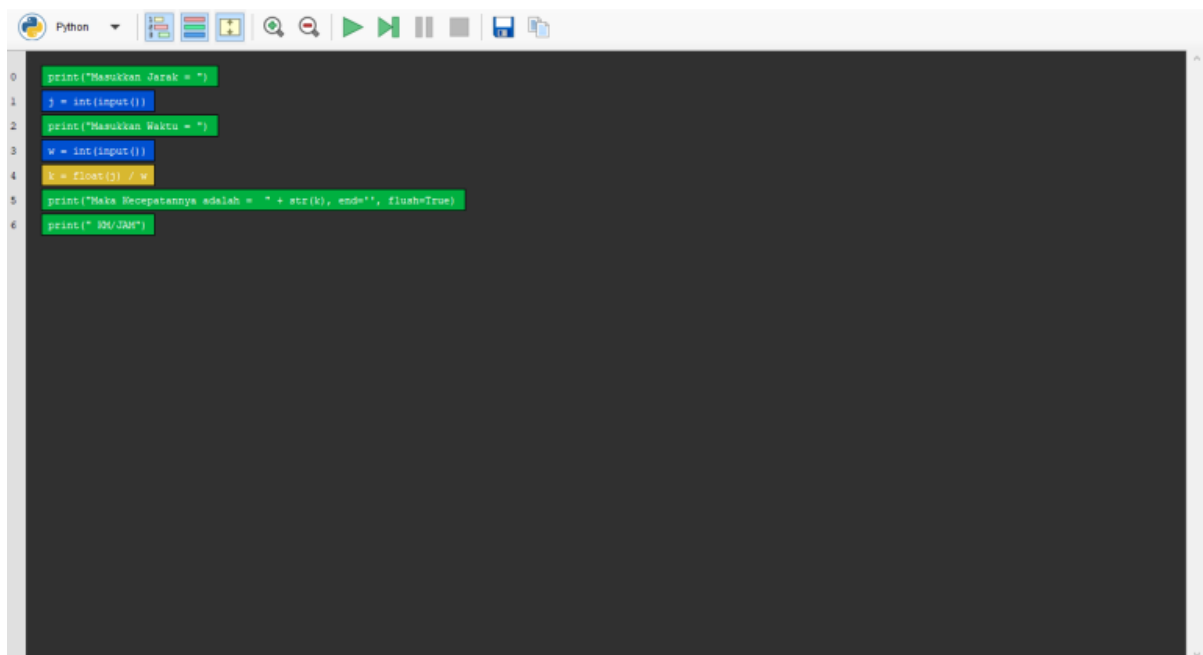
700
5
kecepatan(v)=140.0
PS C:\Users\VACER>

Konsep 2

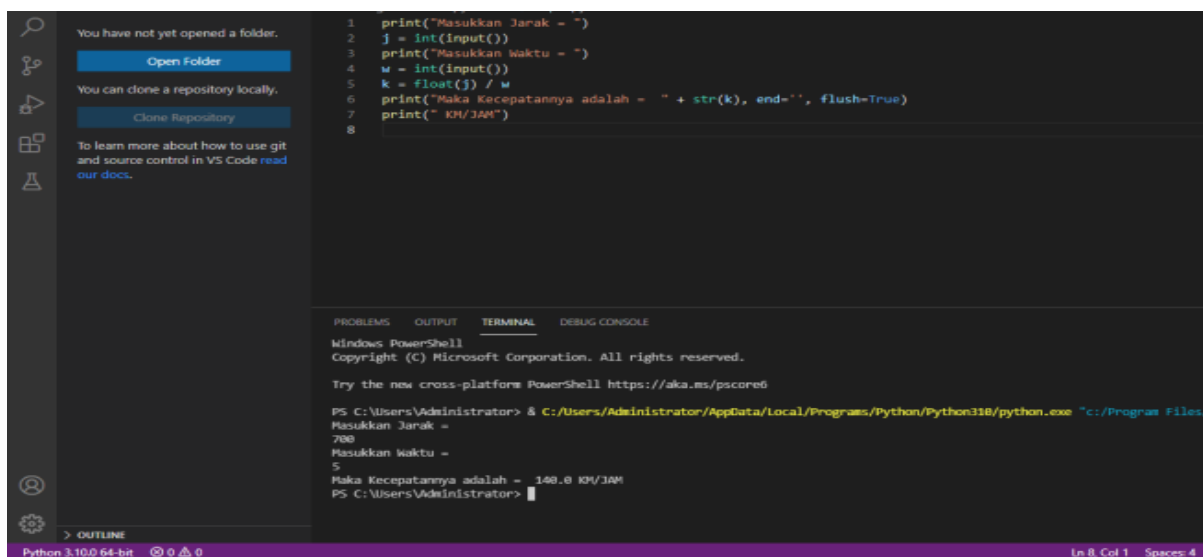


Source Code Viewer

```
Python
0 print("Masukkan Jarak = ")
1 j = int(input())
2 print("Masukkan Waktu = ")
3 w = int(input())
4 s = float(j) / w
5 print("Maka Kecepatannya adalah = " + str(s), flush=True)
6 print("KM/JAM")
```



```
0 print("Masukkan Jarak = ")
1 j = int(input())
2 print("Masukkan Waktu = ")
3 w = int(input())
4 k = float(j) / w
5 print("Maka Kecepatannya adalah = " + str(k), end='', flush=True)
6 print(" KM/JAM")
```



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.

```
1 print("Masukkan Jarak = ")
2 j = int(input())
3 print("Masukkan Waktu = ")
4 w = int(input())
5 k = float(j) / w
6 print("Maka Kecepatannya adalah = " + str(k), end='', flush=True)
7 print(" KM/JAM")
8
```

PROBLEMS OUTPUT **TERMINAL** DEBUG CONSOLE

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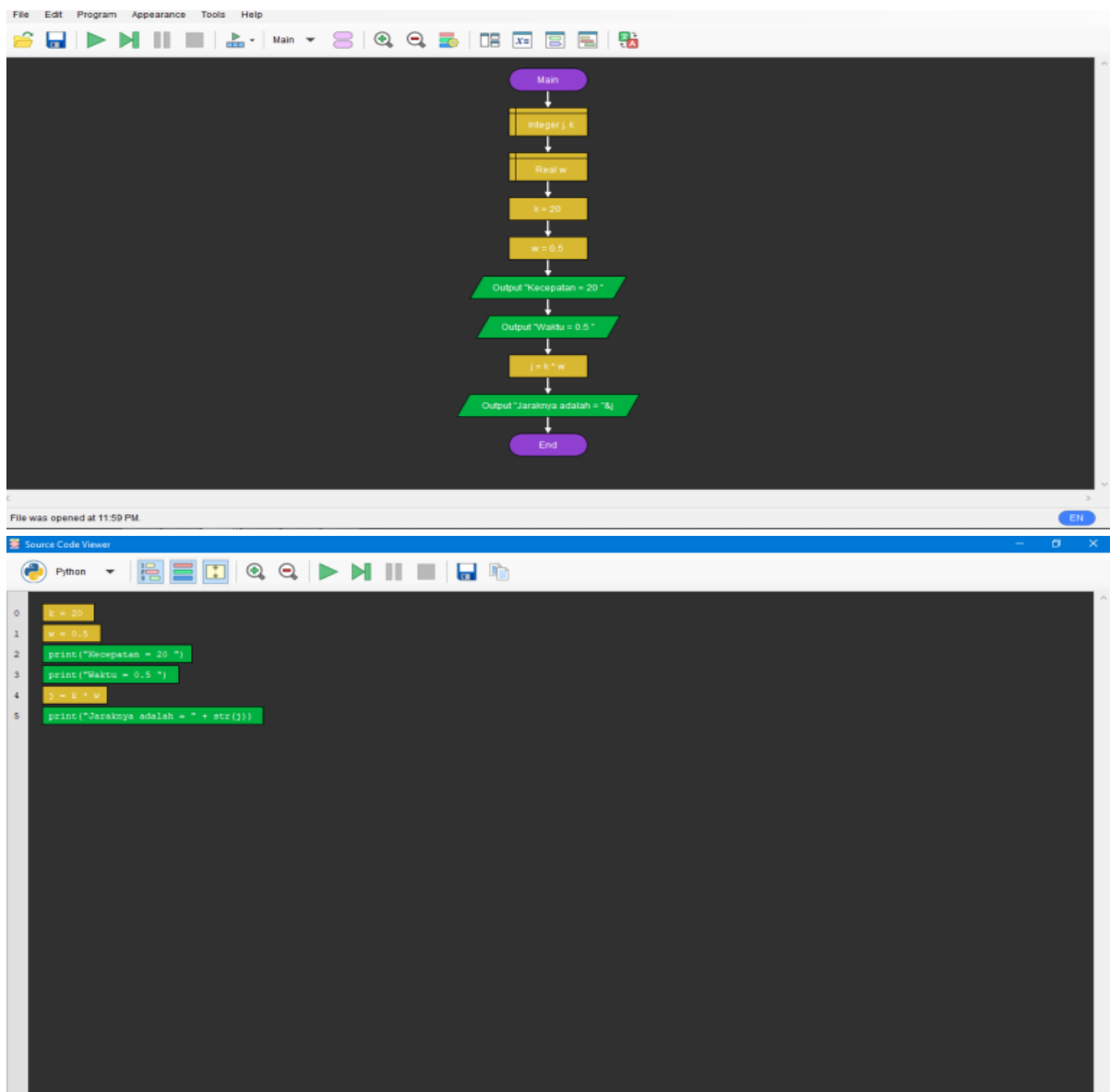
PS C:\Users\Administrator> & C:/Users/Administrator/AppData/Local/Programs/Python/Python318/python.exe "c:/Program Files/Python318/python.exe" c:/Users/Administrator/Desktop/SpeedCalculator.py
Masukkan Jarak = 700
Masukkan Waktu = 5
Maka Kecepatannya adalah = 140.0 KM/JAM
PS C:\Users\Administrator>

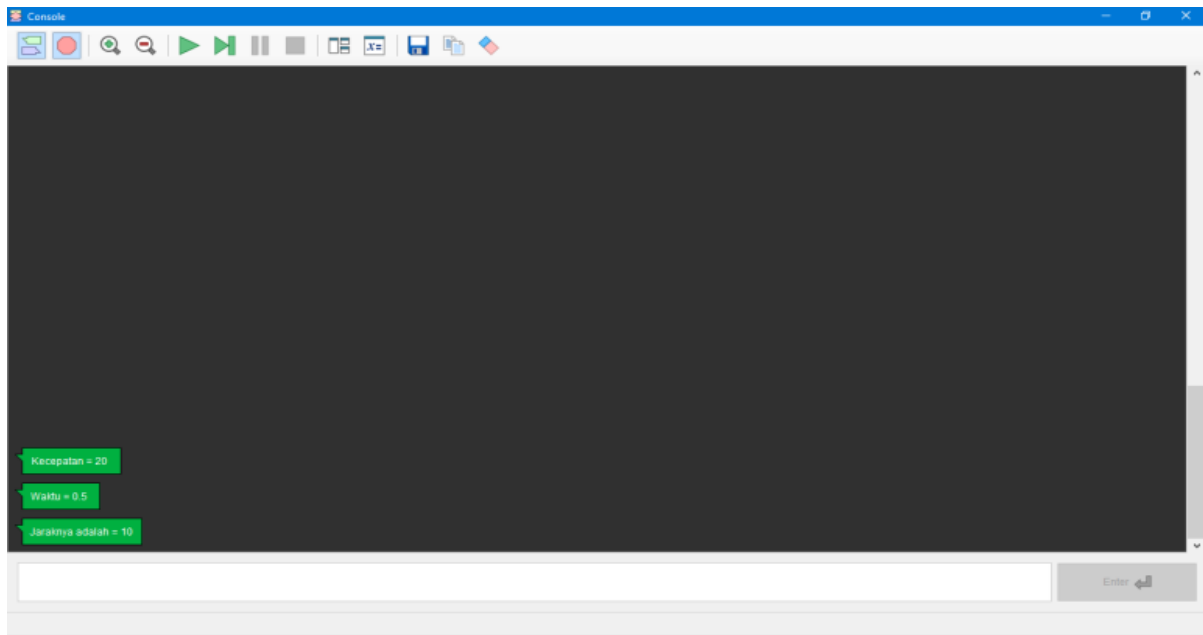
> OUTLINE
Python 3.10.0 64-bit 0 0 0
Ln 8, Col 1 Spaces: 4

2 . Pak julkarnain berangkat kerja ke UTS dengan mengendarai sepeda. Lama perjalanannya adalah 30 menit. Jika kecepatan sepeda 20 km/jam, berapa jarak dari rumah pak jul ke kantor?

Jawab :

Konsep 1





Hasil yang dimasukkan ke VSCode

```
1 t=int(input())
2 v=int(input())
3 s=t*v
4 print("Jarak=" + str(s),end='',flush=True)
```

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE Python D

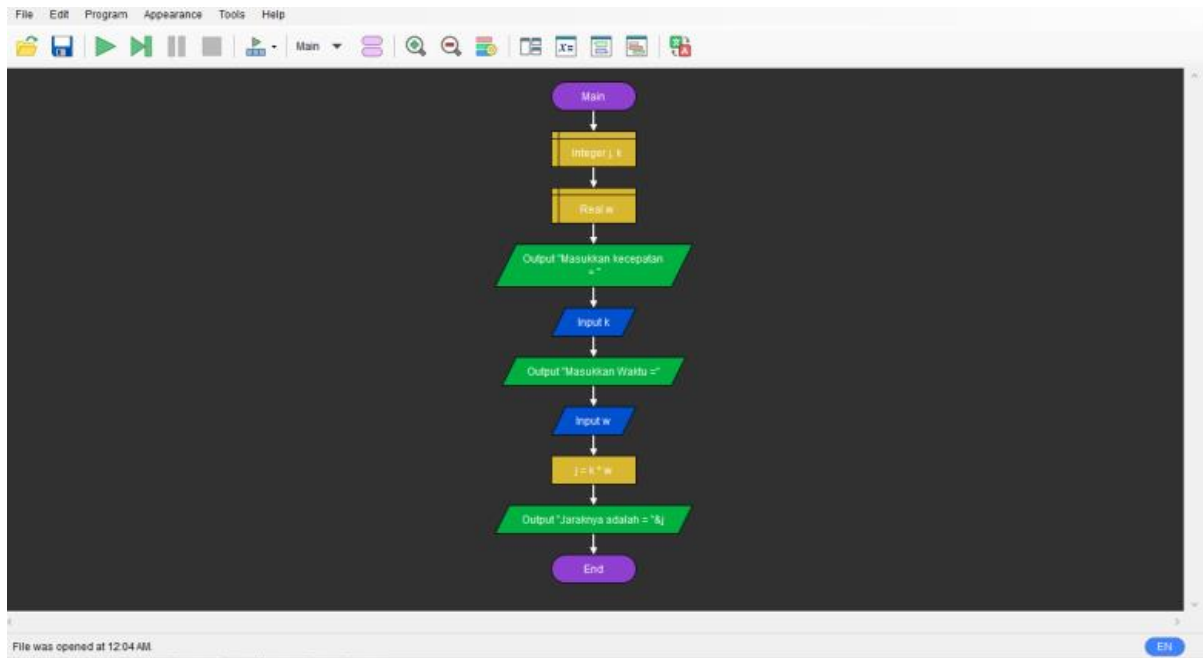
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PS C:\Users\VACER> & 'C:\Users\VACER\AppData\Local\Programs\Python\Python39\python.exe' 'c:\Users\VACER\.vscode\extensions\ms-python.python-2021.10.13651612\buggy\launcher' '49384' '--' 'c:\Users\VACER\w7.py'

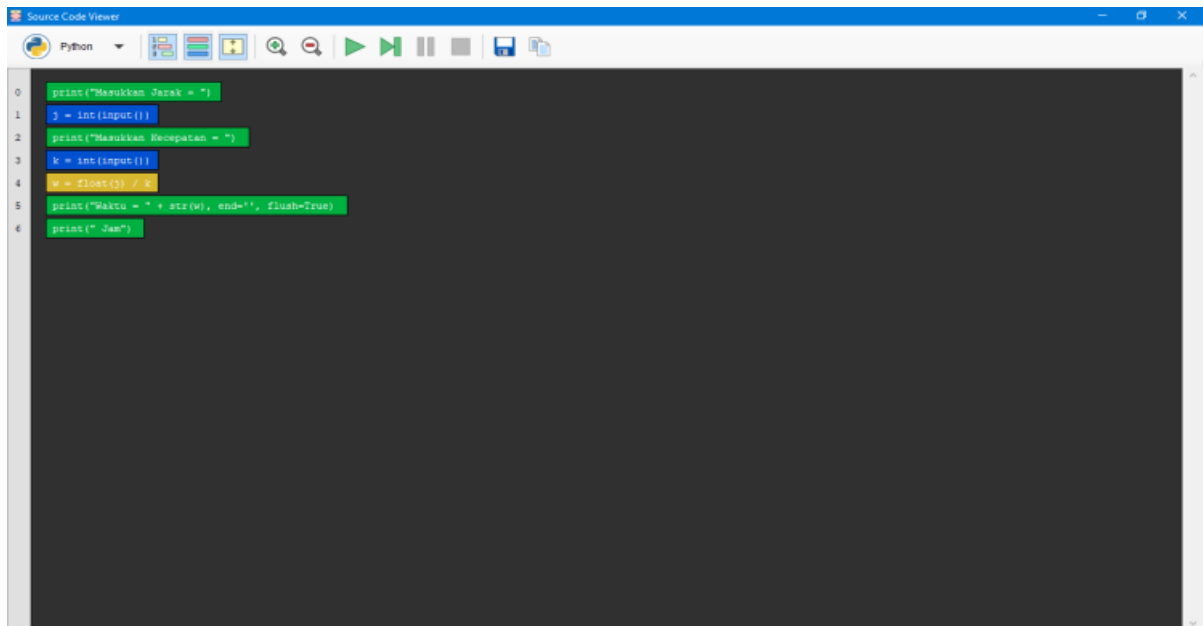
30
20
Jarak=600
PS C:\Users\VACER>

Konsep 2



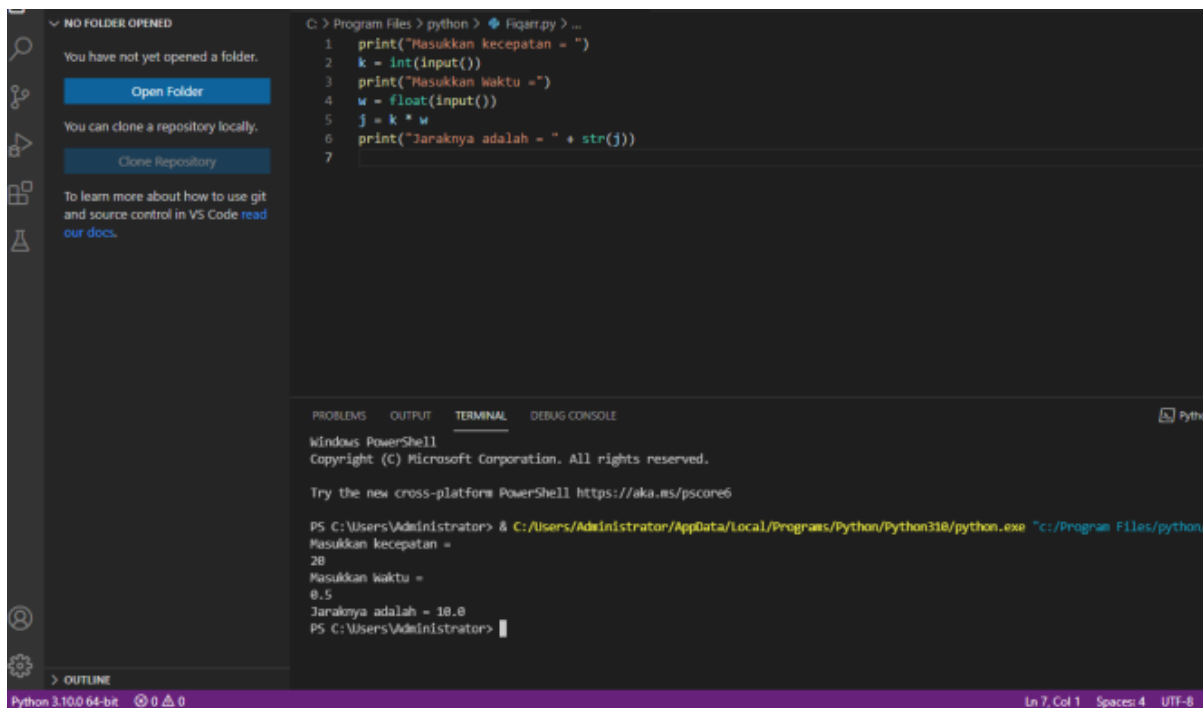
Source Code Viewer

```
Python  
0 print("Masukkan kecepatan = ")  
1 k = int(input())  
2 print("Masukkan Waktu =")  
3 w = float(input())  
4 s = k * w  
5 print("Jaraknya adalah = " + str(s))
```



```
0 print("Masukkan Jarak = ")
1 j = int(input())
2 print("Masukkan Kecepatan = ")
3 k = int(input())
4 w = float(j) / k
5 print("Waktu = " + str(w), end="", flush=True)
6 print("\n Jam")
```

Hasil di VSCode



```
C:\> Program Files > python > Figara.py > ...
1 print("Masukkan kecepatan = ")
2 k = int(input())
3 print("Masukkan Waktu = ")
4 w = float(input())
5 j = k * w
6 print("Jaraknya adalah = " + str(j))
7
```

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE

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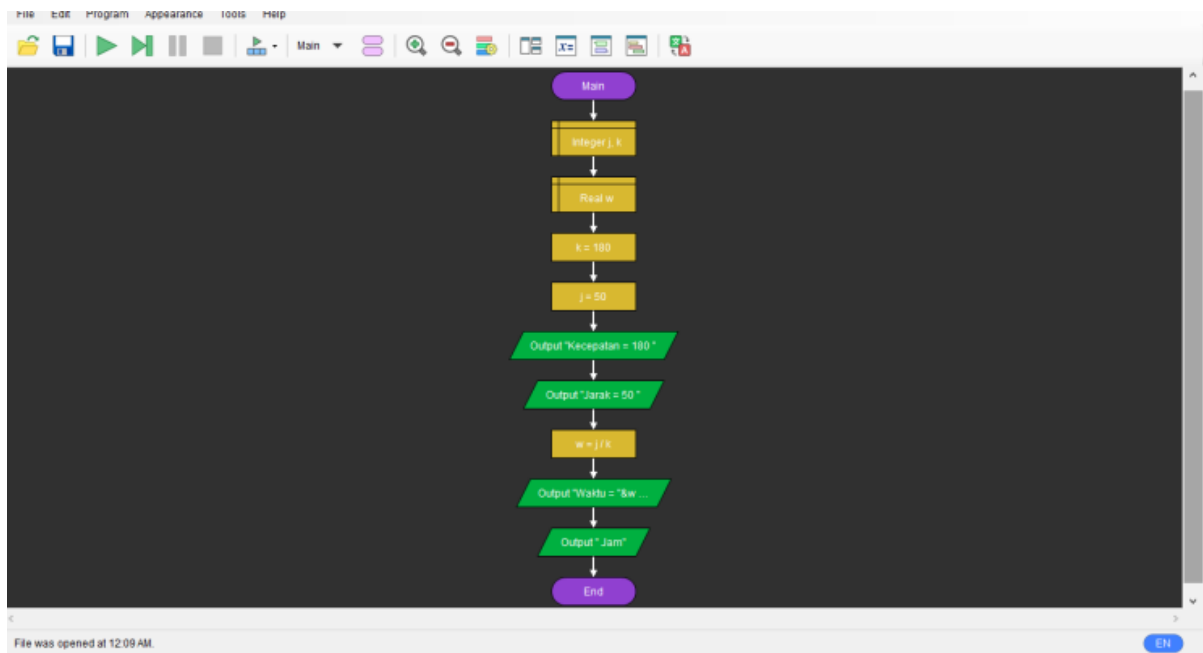
Try the new cross-platform PowerShell <https://aka.ms/pscore6>

PS C:\Users\Administrator> & C:/Users/Administrator/AppData/Local/Programs/Python/Python310/python.exe "c:/Program Files/python
Masukkan kecepatan =
28
Masukkan Waktu =
0.5
Jaraknya adalah = 14.0
PS C:\Users\Administrator>

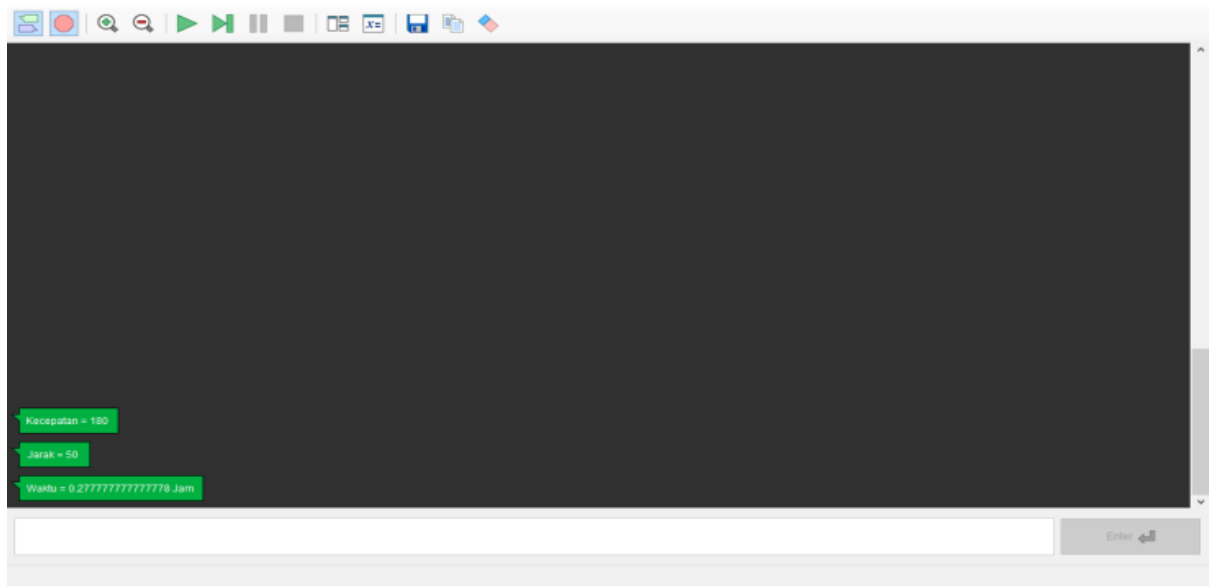
3. Pak Yunan mengendarai motor dengan kecepatan 180 km/jam. Motor pak Yunan akan menempuh jarak sejauh 50 km untuk sampai ditempat tujuan. Berapa lama waktu yang dibutuhkan oleh pak yunan?

Jawab:

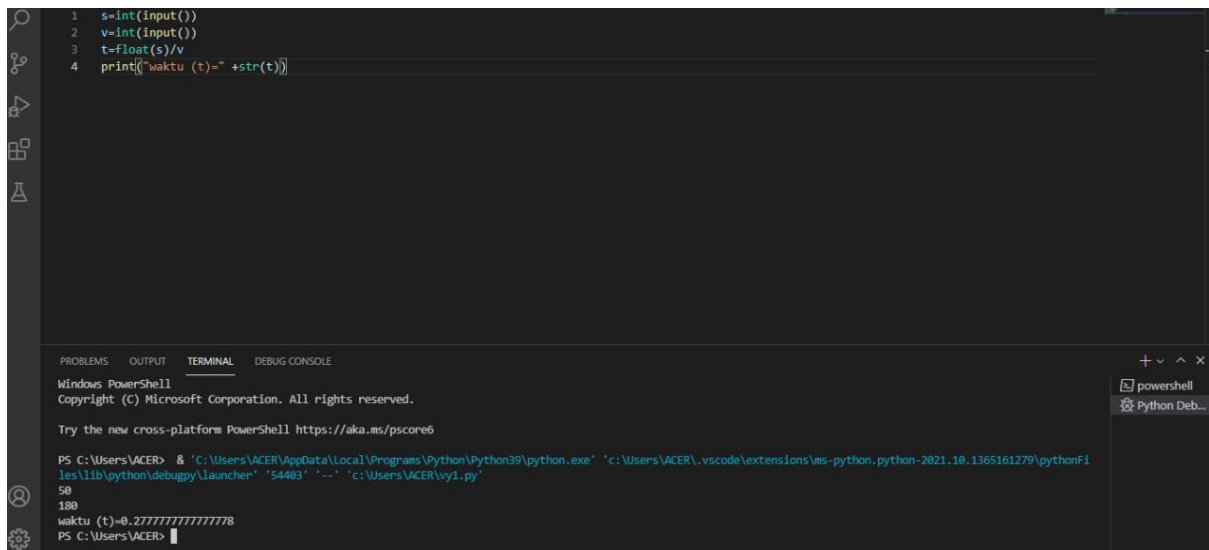
Konsep 1



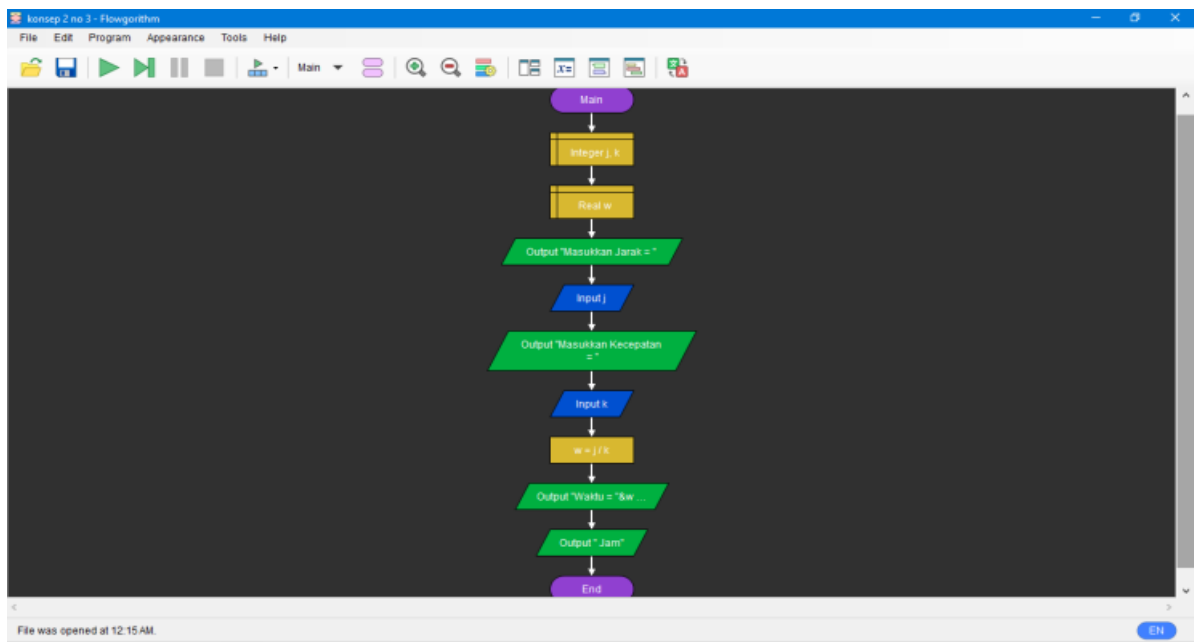
```
0 k = 100
1 j = 50
2 print("Kecepatan = 100 ")
3 print("Jarak = 50 ")
4 w = float(j) / k
5 print("Waktu = " + str(w), end="", flush=True)
6 print("Jam")
```



Hasil yang dimasukkan ke VSCode



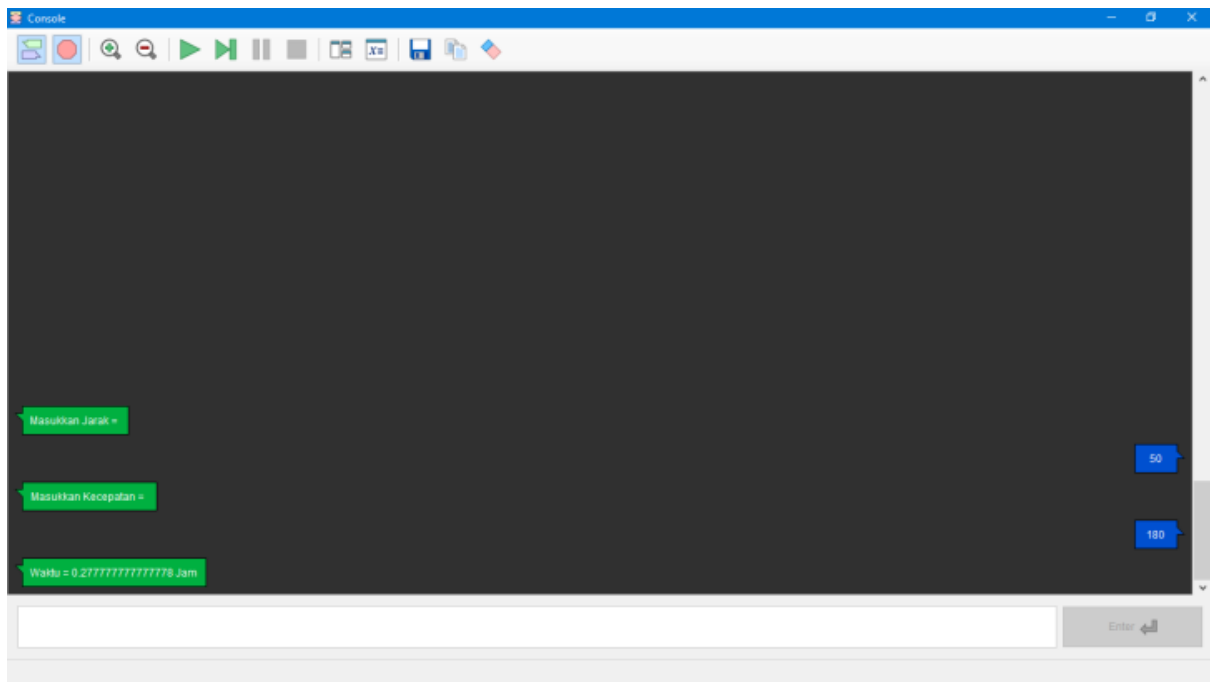
Konsep 2



Source Code Viewer

Python

```
0 print("Masukkan Jarak = ")
1 j = int(input())
2 print("Masukkan Kecepatan = ")
3 k = int(input())
4 w = float(j) / k
5 print("Waktu = " + str(w), end='', flush=True)
6 print(" Jam")
```



Hasil di VSCode

