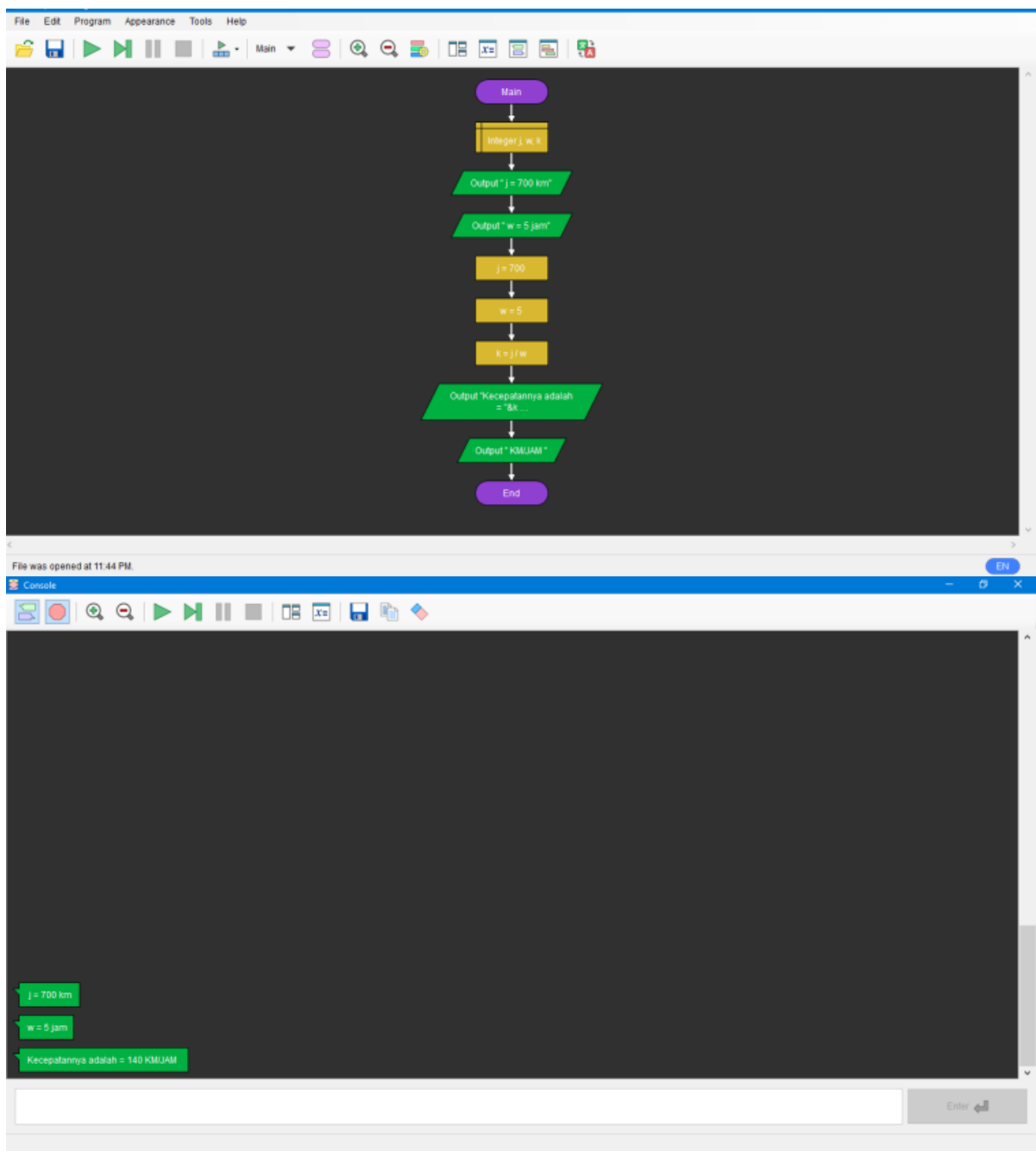


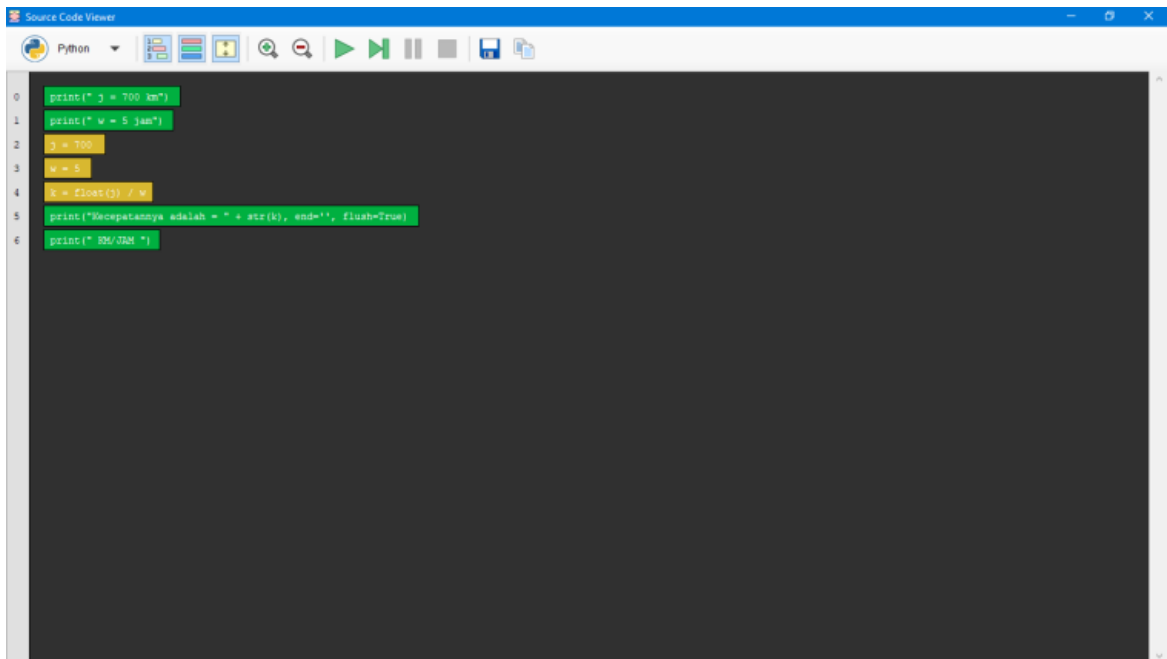
Nama : M.Dimas Sakti Maulana

NIM : 20.01.013.037

Matkul : Artificial Intelligence

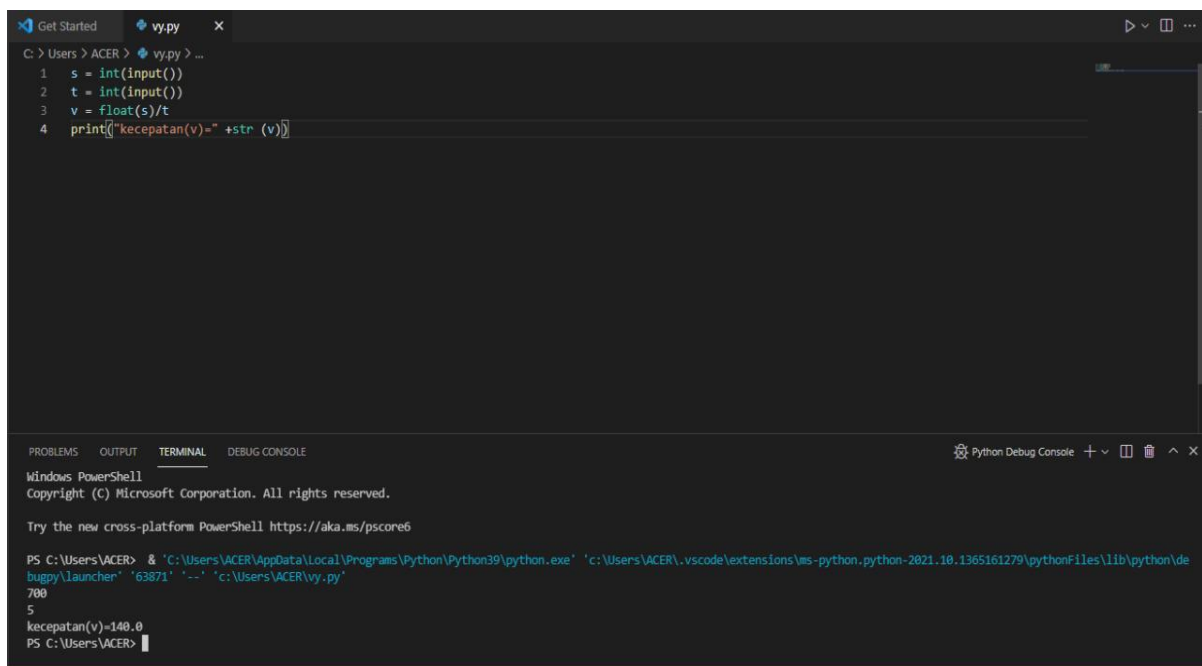
1. Rossi mengendarai motor GP di lintasan balap dengan kecepatan tetap. Dalam 5 jam, motor tersebut sudah menempuh jarak 700 km. Berapa Kecepatan Motor GP Rossi?





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

Hasil yang dimasukkan ke VSCode



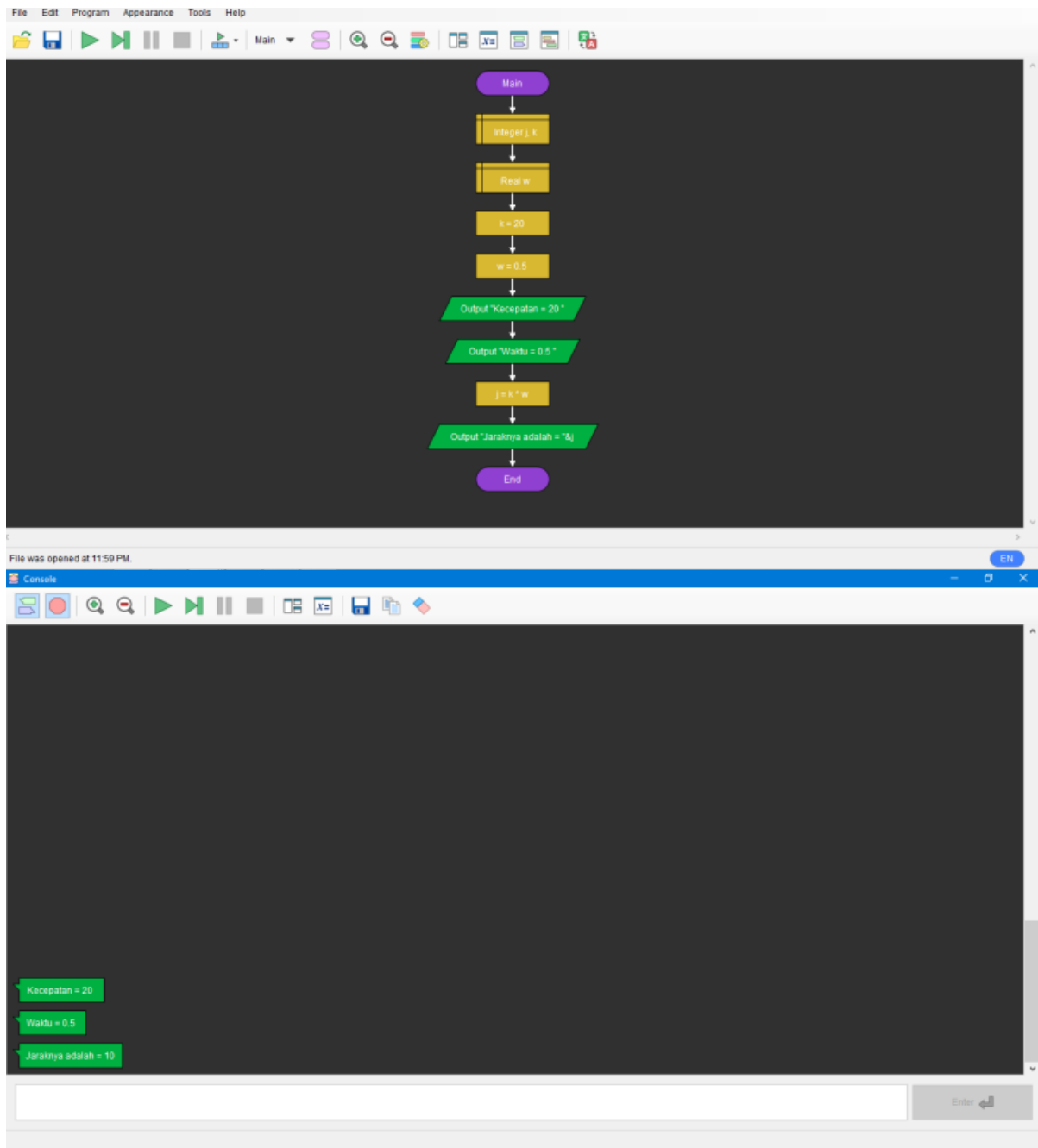
```
Get Started  vy.py x
C:\Users\ACER> .\vy.py > ...
1 s = int(input())
2 t = int(input())
3 v = float(s)/t
4 print("kecepatan(v)=" +str (v))

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\ACER> & 'C:\Users\ACER\AppData\Local\Programs\Python\Python39\python.exe' 'c:\Users\ACER\.vscode\extensions\ms-python.python-2021.10.1365161279\pythonFiles\lib\python\de
bugpy\launcher' '63871' '-.' 'c:\Users\ACER\vy.py'
700
5
kecepatan(v)=140.0
PS C:\Users\ACER> |
```

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?



Hasil yang dimasukkan ke VSCode

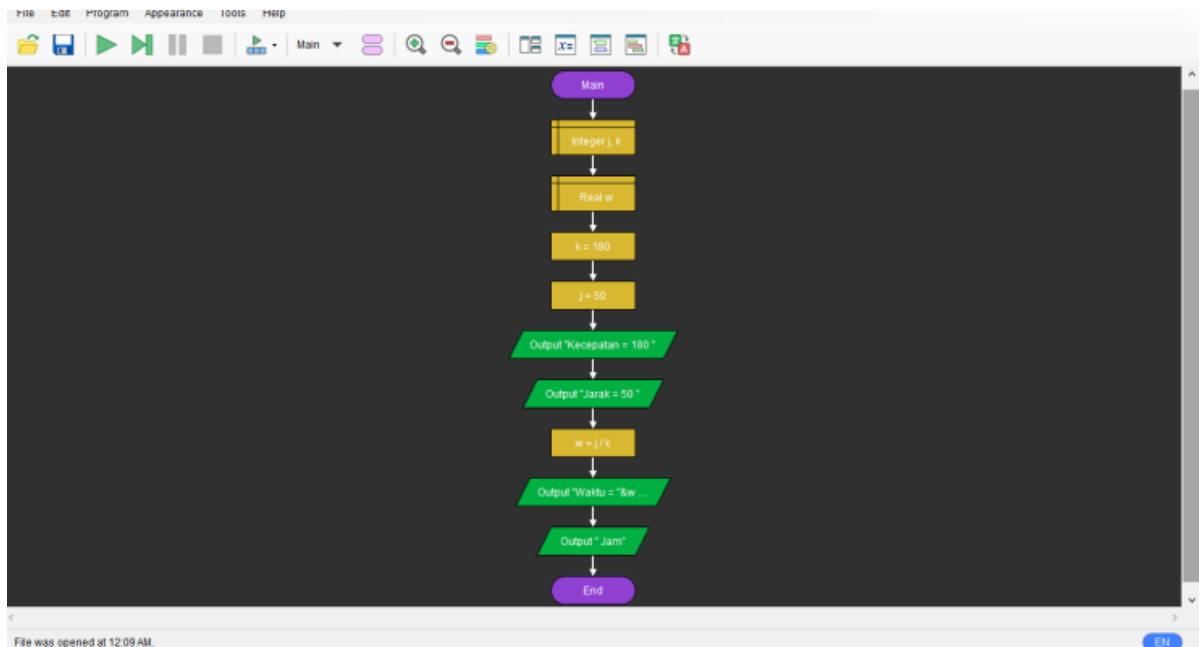
```
1 t=int(input())
2 v=int(input())
3 s=t*v
4 print("Jarak=" + str(s),end='',flush=True)
```

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE Python D

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\Python39\python.exe' 'c:\Users\ACER\.vscode\extensions\ms-python.python-2021.10.13651612\buggy\launcher' '49384' '--' 'c:\Users\ACER\u7.py'  
30  
20  
Jarak=600  
PS C:\Users\ACER> |

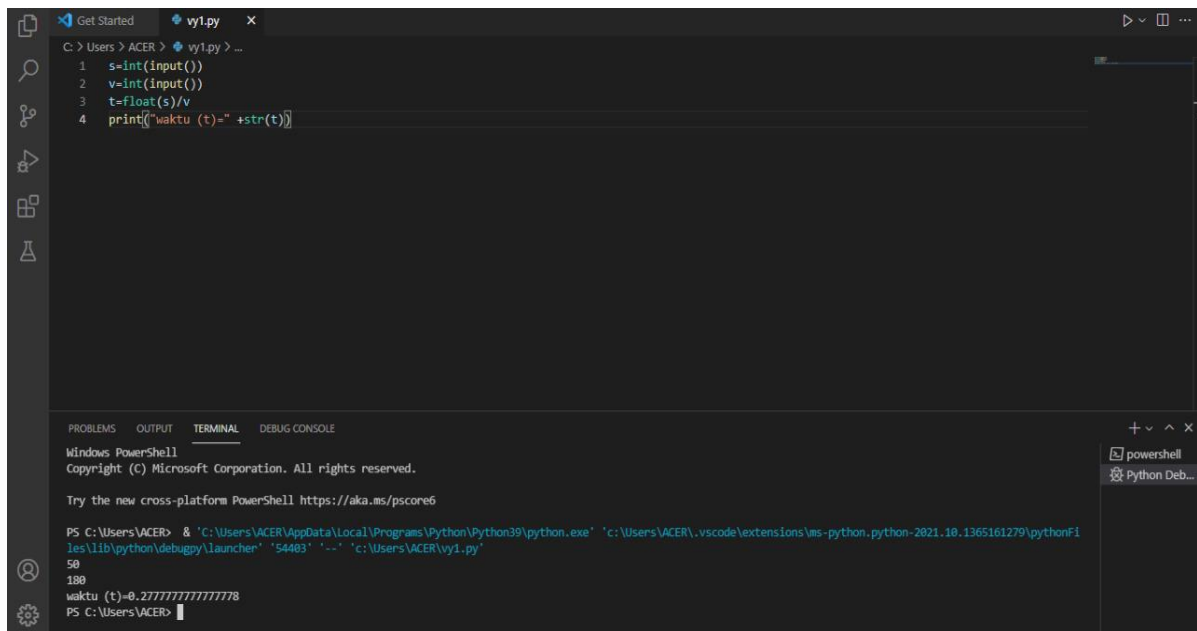
3. pak Yunan mengendarai motor dengan kecepatan 180 km/jam. Motor pak Yunan akan menempuh jarak sejauh 50 km untuk sampai ditempat tujuan. Berapa lama waktu yang dibutuhkan oleh pak yunan?



```
Python
0 v = 180
1 j = 50
2 print("Kecepatan = 180 ")
3 print("Jarak = 50 ")
4 w = float(1) / 5
5 print("Waktu = " + str(w), end=" ", flush=True)
6 print(" Jam")
```

```
Kecepatan = 180
Jarak = 50
Waktu = 0.2777777777777778 Jam
```

Hasil yang dimasukkan ke VSCode



The image shows a screenshot of the Visual Studio Code (VS Code) editor interface. The editor is open to a file named `vy1.py`. The code in the editor is as follows:

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

Below the editor, the integrated terminal is open, showing the execution of the script. The terminal output is:

```
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' '54483' '-' 'c:\Users\VACER\vy1.py'
50
180
waktu (t)=0.2777777777777778
PS C:\Users\VACER>
```

The terminal also shows the command used to run the script, which is a debugpy command. The output of the script is `waktu (t)=0.2777777777777778`.