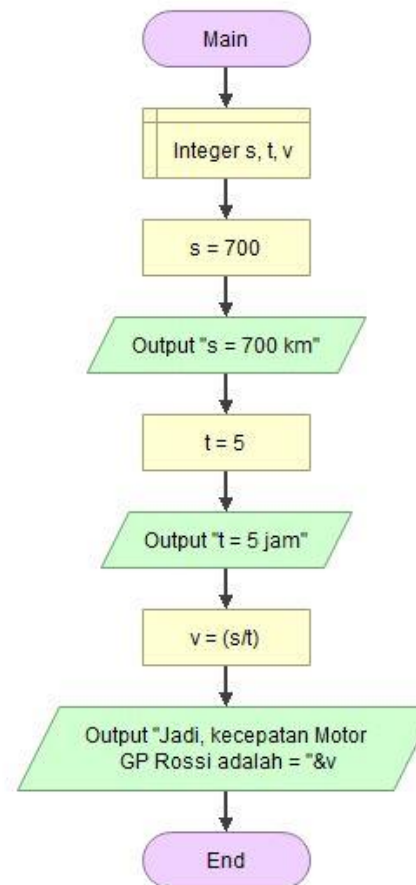
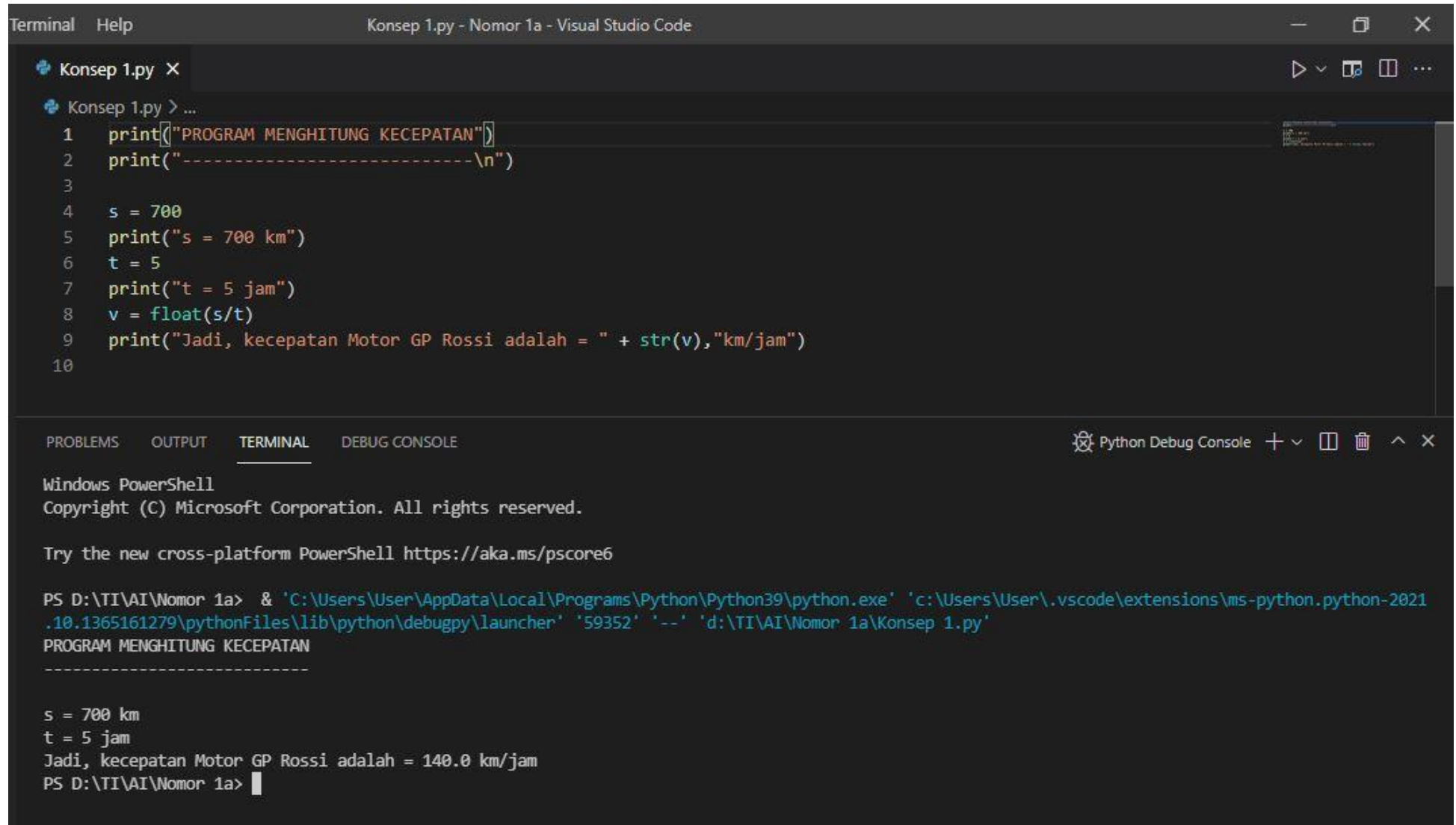


## Menghitung Kecepatan Konsep 1

Nomor 1a \*- Flowgorithm



## Konsep 1 Menghitung Kecepatan (.py)



The image shows a Visual Studio Code window with a Python file named 'Konsep 1.py' and a terminal window below it. The Python script calculates the speed of a motorcycle (Motor GP Rossi) based on distance (s = 700 km) and time (t = 5 jam). The terminal shows the output of the script, which is 'PROGRAM MENGHITUNG KECEPATAN' followed by a dashed line, then 's = 700 km', 't = 5 jam', and finally 'Jadi, kecepatan Motor GP Rossi adalah = 140.0 km/jam'.

```
Terminal Help Konsep 1.py - Nomor 1a - Visual Studio Code

Konsep 1.py X

Konsep 1.py > ...
1 print("PROGRAM MENGHITUNG KECEPATAN")
2 print("-----\n")
3
4 s = 700
5 print("s = 700 km")
6 t = 5
7 print("t = 5 jam")
8 v = float(s/t)
9 print("Jadi, kecepatan Motor GP Rossi adalah = " + str(v), "km/jam")
10

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE Python Debug Console + - [] [X] ^ X

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

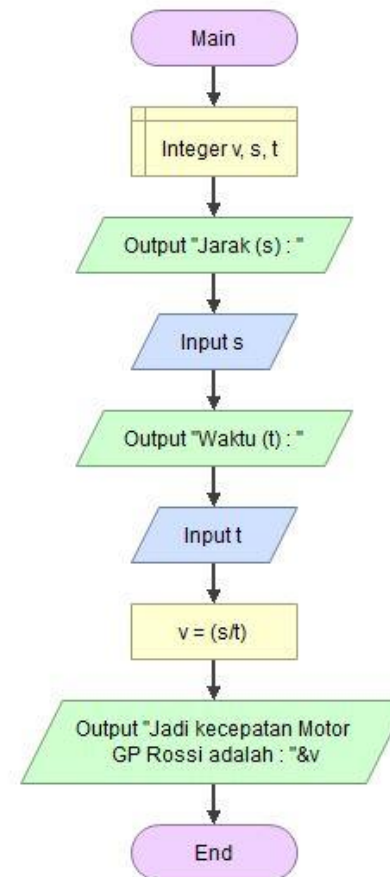
PS D:\TI\AI\Nomor 1a> & 'C:\Users\User\AppData\Local\Programs\Python\Python39\python.exe' 'c:\Users\User\.vscode\extensions\ms-python.python-2021.10.1365161279\pythonFiles\lib\python\debugpy\launcher' '59352' '--' 'd:\TI\AI\Nomor 1a\Konsep 1.py'
PROGRAM MENGHITUNG KECEPATAN
-----

s = 700 km
t = 5 jam
Jadi, kecepatan Motor GP Rossi adalah = 140.0 km/jam
PS D:\TI\AI\Nomor 1a> |
```

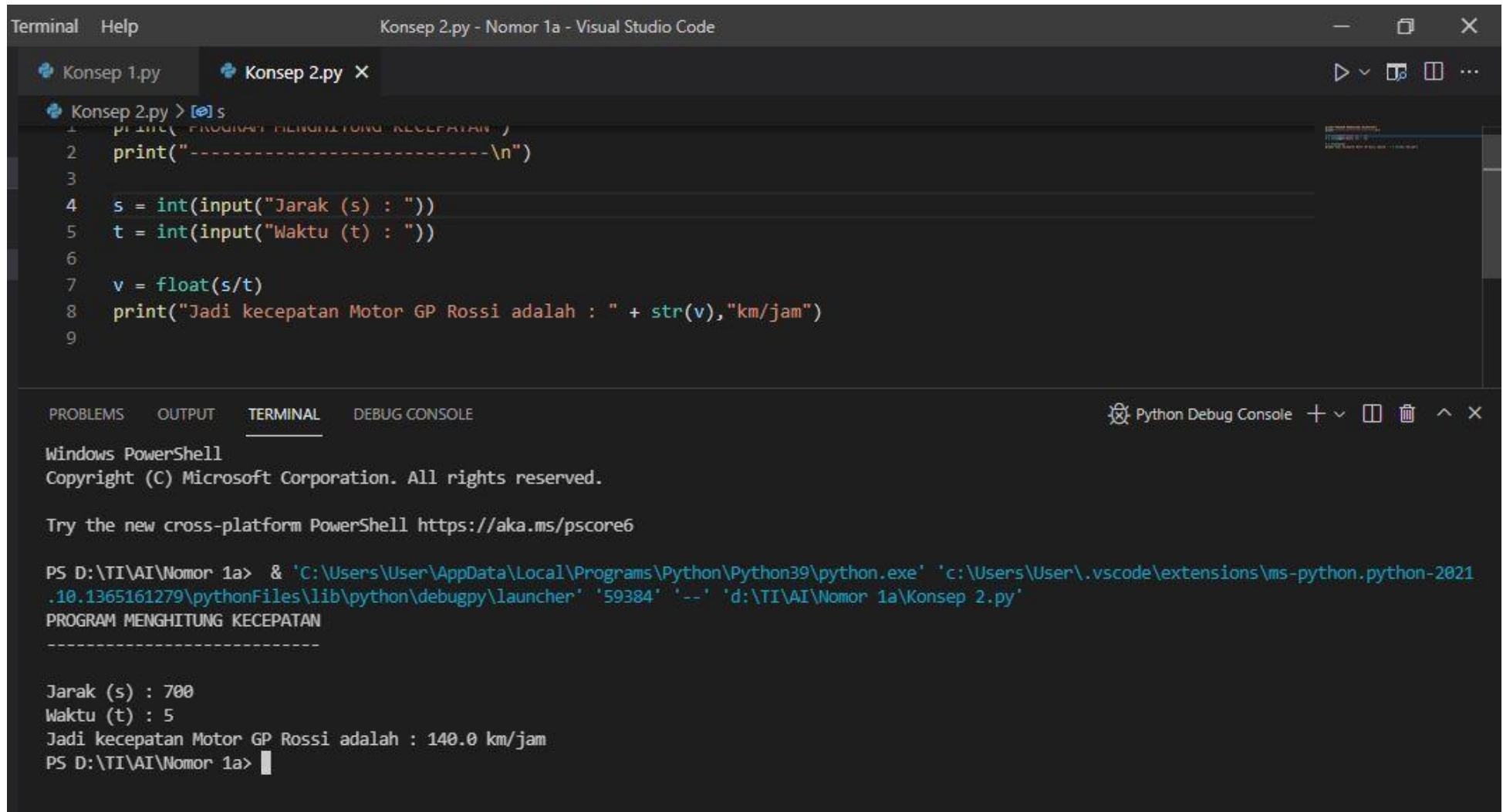
## Menghitung Kecepatan Konsep 2

Nomor 1a Konsep 2 - Flowgorithm

File Edit Program Appearance Tools Help



## Konsep 2 Menghitung Kecepatan (.py)



The image shows a Visual Studio Code window with a Python file named 'Konsep 2.py' open. The code is a simple program to calculate speed based on distance and time. Below the editor, the terminal window is active, showing the command prompt and the output of the script.

```
Terminal Help Konsep 2.py - Nomor 1a - Visual Studio Code

Konsep 1.py Konsep 2.py X

Konsep 2.py > [?] s
1 print("PROGRAM MENGHITUNG KECEPATAN ")
2 print("-----\n")
3
4 s = int(input("Jarak (s) : "))
5 t = int(input("Waktu (t) : "))
6
7 v = float(s/t)
8 print("Jadi kecepatan Motor GP Rossi adalah : " + str(v),"km/jam")
9

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE Python Debug Console + - [ ] [X] ^ X

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

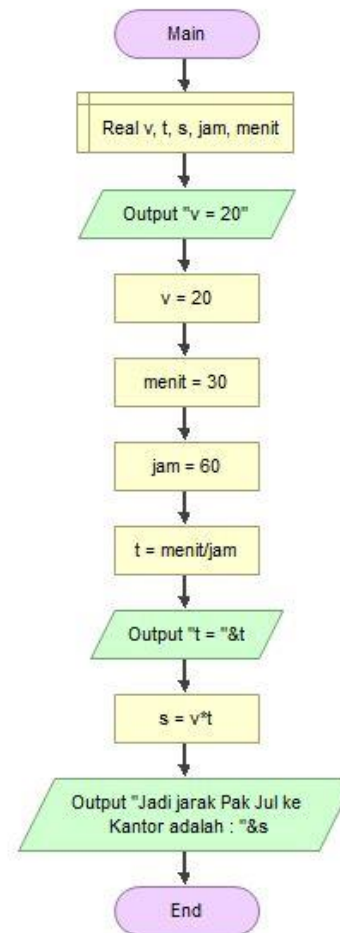
Try the new cross-platform PowerShell https://aka.ms/powershell

PS D:\TI\AI\Nomor 1a> & 'C:\Users\User\AppData\Local\Programs\Python\Python39\python.exe' 'c:\Users\User\.vscode\extensions\ms-python.python-2021.10.1365161279\pythonFiles\lib\python\debugpy\launcher' '59384' '--' 'd:\TI\AI\Nomor 1a\Konsep 2.py'
PROGRAM MENGHITUNG KECEPATAN
-----

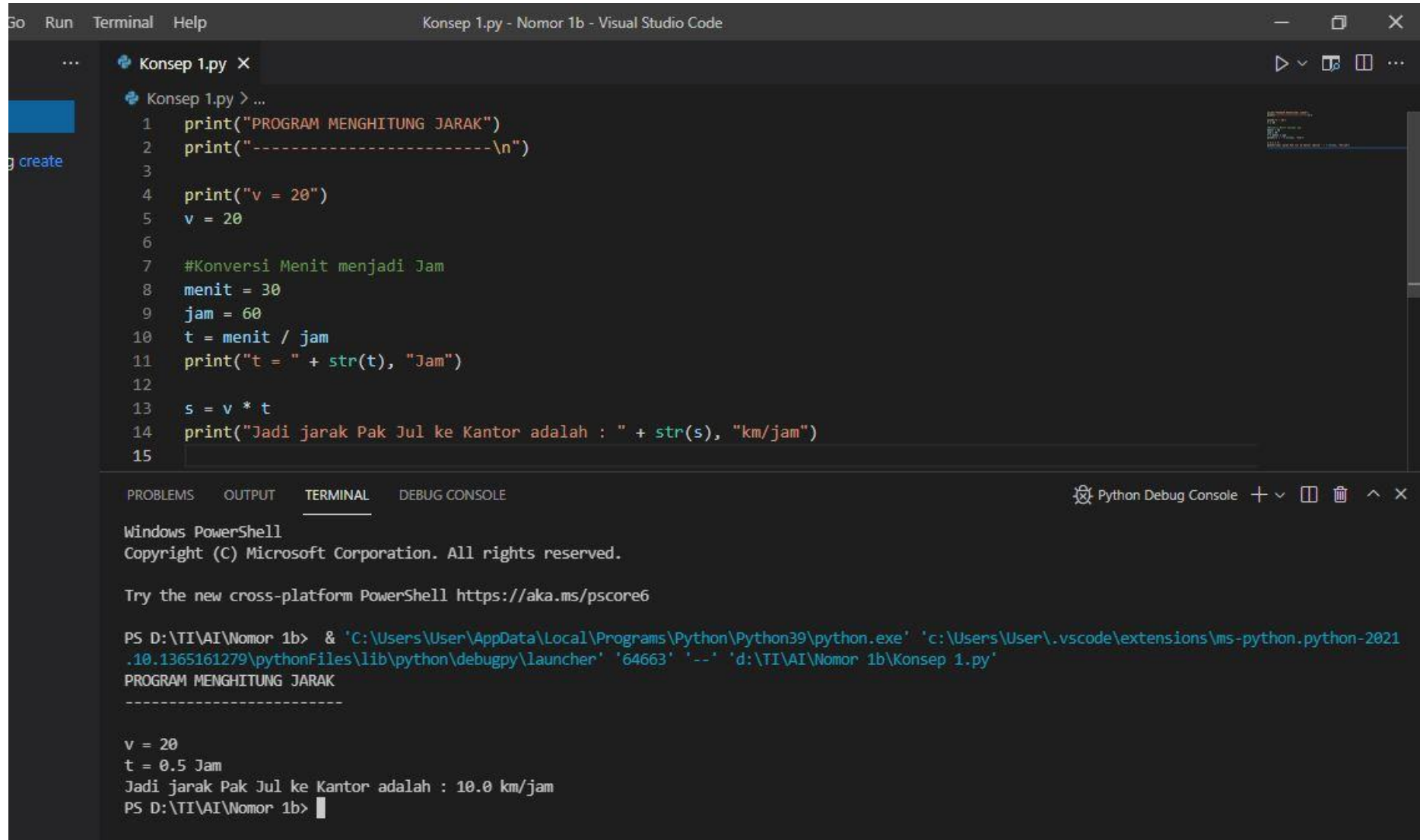
Jarak (s) : 700
Waktu (t) : 5
Jadi kecepatan Motor GP Rossi adalah : 140.0 km/jam
PS D:\TI\AI\Nomor 1a> 
```

## Menghitung Jarak Konsep 1

Nomor 1b Konsep 1 - Flowgorithm



## Konsep 1 Menghitung Kecepatan (.py)



The image shows a Visual Studio Code window with a Python file named 'Konsep 1.py'. The code calculates speed based on distance and time. The terminal shows the output of the script, which includes the program name, a separator line, and the calculated speed.

```
Go Run Terminal Help Konsep 1.py - Nomor 1b - Visual Studio Code

... Konsep 1.py X
Konsep 1.py > ...
1 print("PROGRAM MENGHITUNG JARAK")
2 print("-----\n")
3
4 print("v = 20")
5 v = 20
6
7 #Konversi Menit menjadi Jam
8 menit = 30
9 jam = 60
10 t = menit / jam
11 print("t = " + str(t), "Jam")
12
13 s = v * t
14 print("Jadi jarak Pak Jul ke Kantor adalah : " + str(s), "km/jam")
15
```

PROBLEMS OUTPUT **TERMINAL** DEBUG CONSOLE Python Debug Console + - [ ] [X] ^ X

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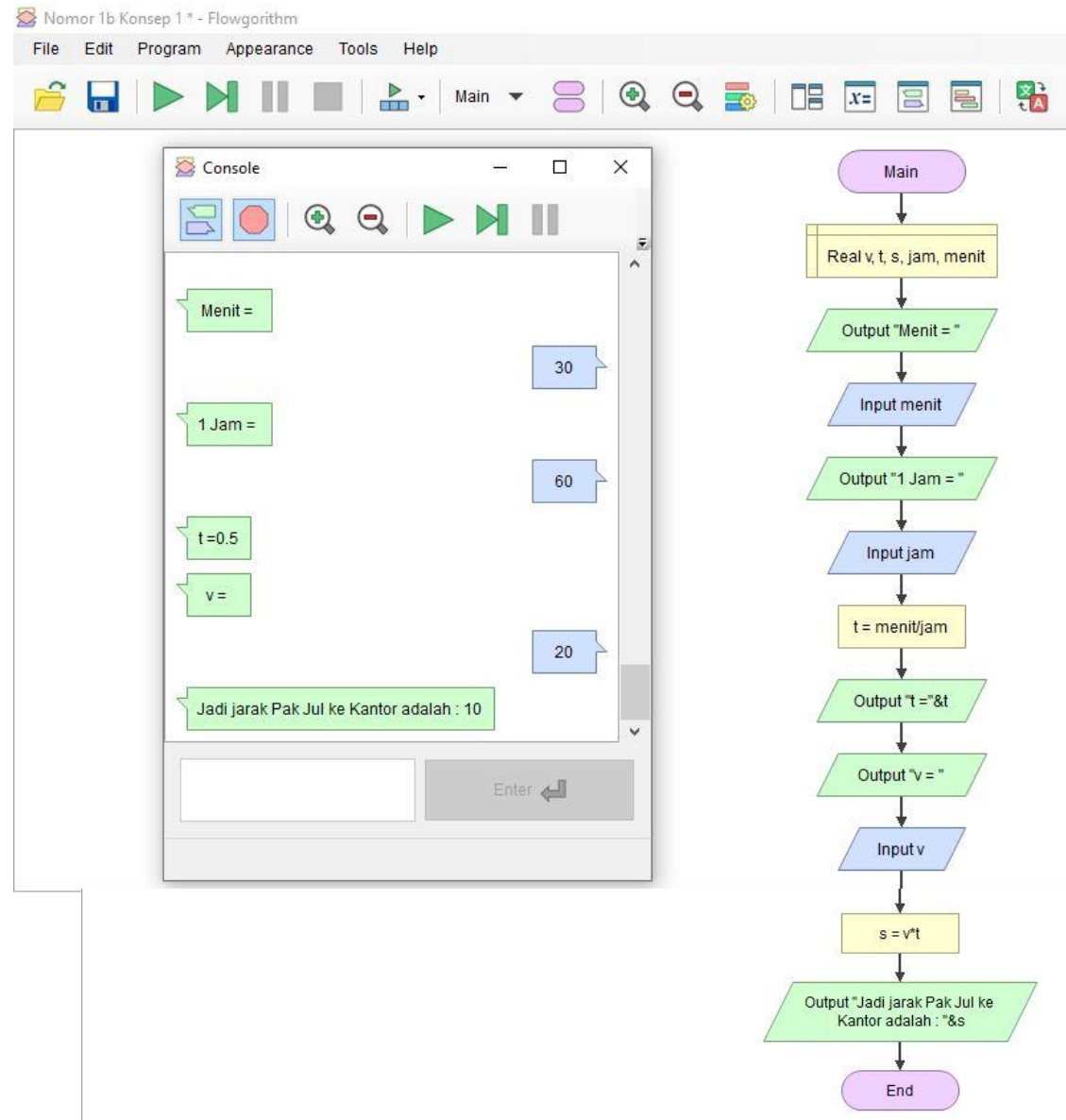
Try the new cross-platform PowerShell <https://aka.ms/pscore6>

PS D:\TI\AI\Nomor 1b> & 'C:\Users\User\AppData\Local\Programs\Python\Python39\python.exe' 'c:\Users\User\.vscode\extensions\ms-python.python-2021.10.1365161279\pythonFiles\lib\python\debugpy\launcher' '64663' '--' 'd:\TI\AI\Nomor 1b\Konsep 1.py'

PROGRAM MENGHITUNG JARAK  
-----

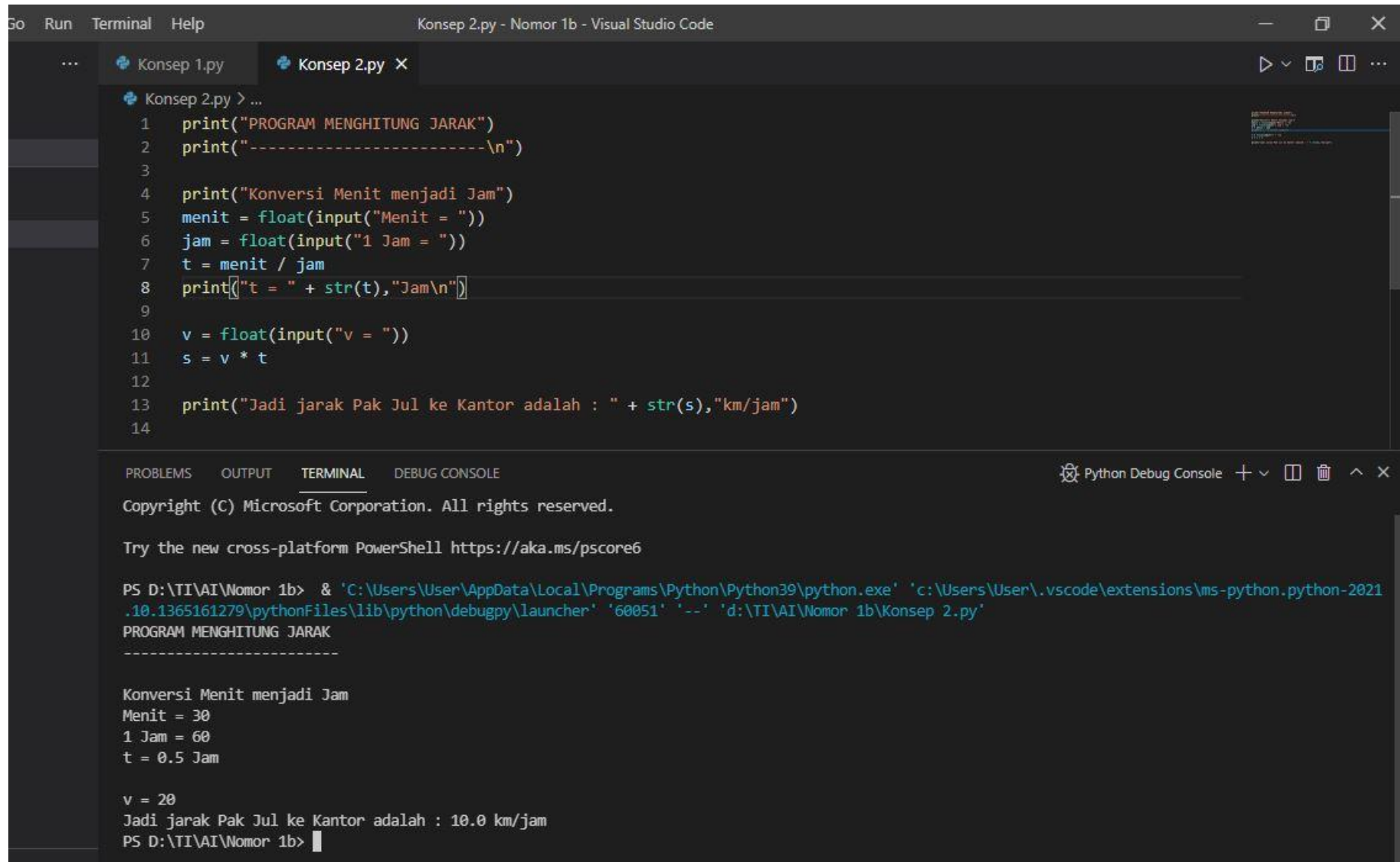
v = 20  
t = 0.5 Jam  
Jadi jarak Pak Jul ke Kantor adalah : 10.0 km/jam  
PS D:\TI\AI\Nomor 1b> |

## Menghitung Jarak Konsep 2





## Konsep 2 Menghitung Jarak (.py)



The image shows a Visual Studio Code window with a Python file named 'Konsep 2.py' open. The code is a script to calculate distance based on time and speed. The terminal at the bottom shows the execution of the script, which prompts for input and displays the results.

```
Go Run Terminal Help Konsep 2.py - Nomor 1b - Visual Studio Code

... Konsep 1.py Konsep 2.py X

Konsep 2.py > ...
1 print("PROGRAM MENGHITUNG JARAK")
2 print("-----\n")
3
4 print("Konversi Menit menjadi Jam")
5 menit = float(input("Menit = "))
6 jam = float(input("1 Jam = "))
7 t = menit / jam
8 print("t = " + str(t), "Jam\n")
9
10 v = float(input("v = "))
11 s = v * t
12
13 print("Jadi jarak Pak Jul ke Kantor adalah : " + str(s), "km/jam")
14

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE Python Debug Console + - [ ] [X] ^ X

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

PS D:\TI\AI\Nomor 1b> & 'C:\Users\User\AppData\Local\Programs\Python\Python39\python.exe' 'c:\Users\User\.vscode\extensions\ms-python.python-2021.10.1365161279\pythonFiles\lib\python\debugpy\launcher' '60051' '--' 'd:\TI\AI\Nomor 1b\Konsep 2.py'
PROGRAM MENGHITUNG JARAK
-----

Konversi Menit menjadi Jam
Menit = 30
1 Jam = 60
t = 0.5 Jam

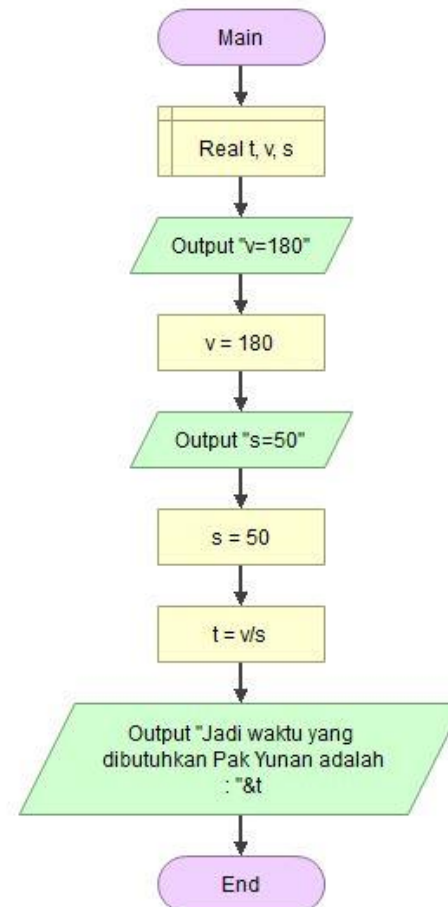
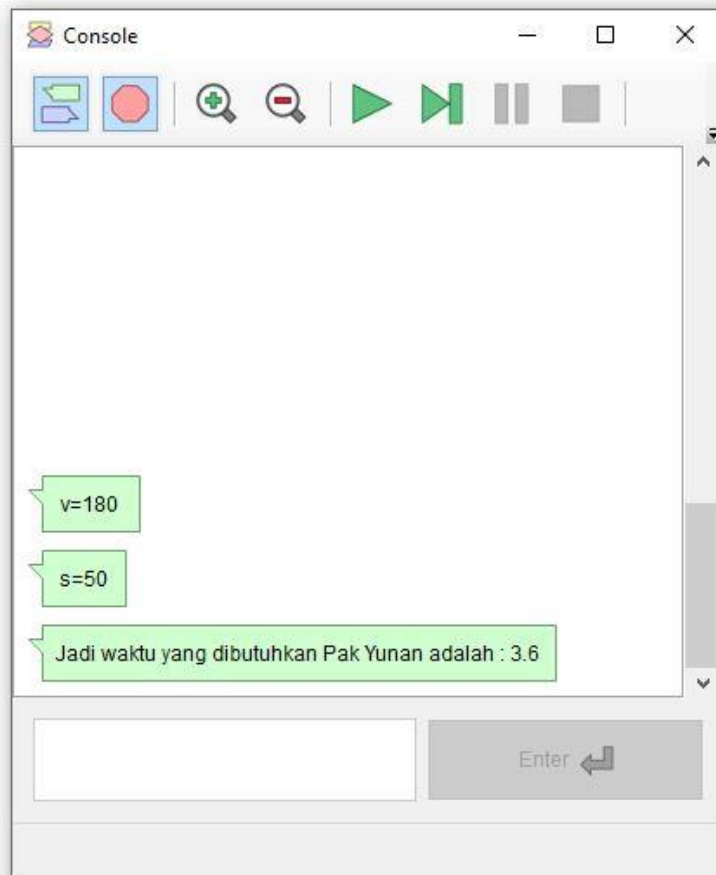
v = 20
Jadi jarak Pak Jul ke Kantor adalah : 10.0 km/jam
PS D:\TI\AI\Nomor 1b> |
```



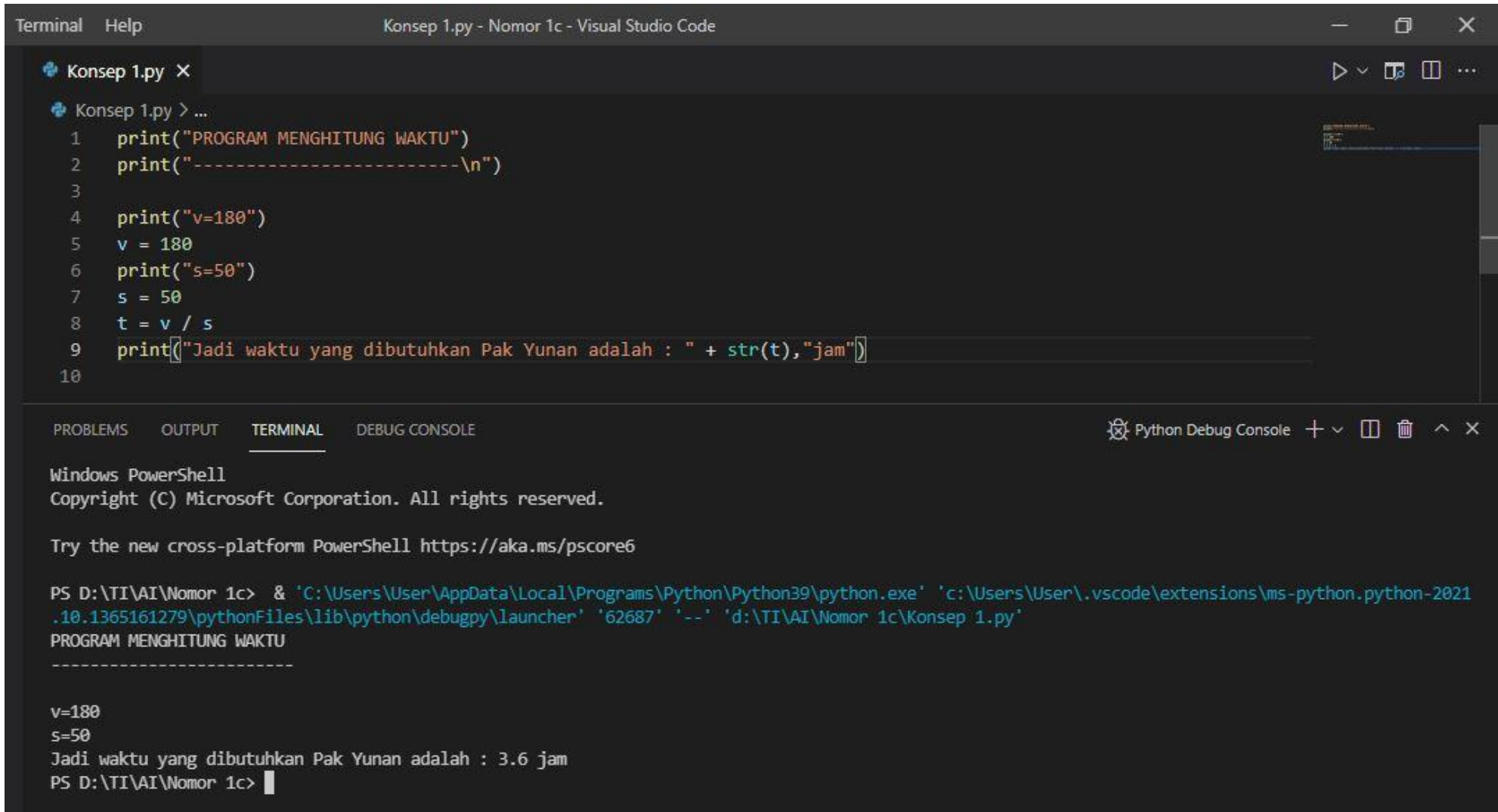
## Menghitung Waktu Konsep 1

Nomor 1c Konsep 1\* - Flowgorithm

File Edit Program Appearance Tools Help



## Konsep 1 Menghitung Waktu (.py)



The image shows a Visual Studio Code window with a Python file named 'Konsep 1.py' open. The code in the file is a simple program to calculate time. Below the editor, the 'TERMINAL' tab is active, showing the output of running the script. The output matches the print statements in the code, displaying the calculated time as 3.6 jam.

```
Terminal Help Konsep 1.py - Nomor 1c - Visual Studio Code

Konsep 1.py X
Konsep 1.py > ...
1 print("PROGRAM MENGHITUNG WAKTU")
2 print("-----\n")
3
4 print("v=180")
5 v = 180
6 print("s=50")
7 s = 50
8 t = v / s
9 print("Jadi waktu yang dibutuhkan Pak Yunan adalah : " + str(t),"jam")
10

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE Python Debug Console + - [] {} ^ X

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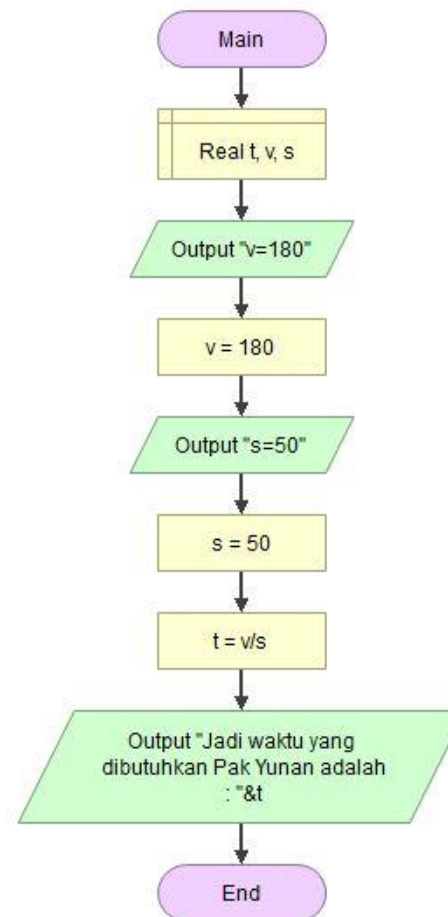
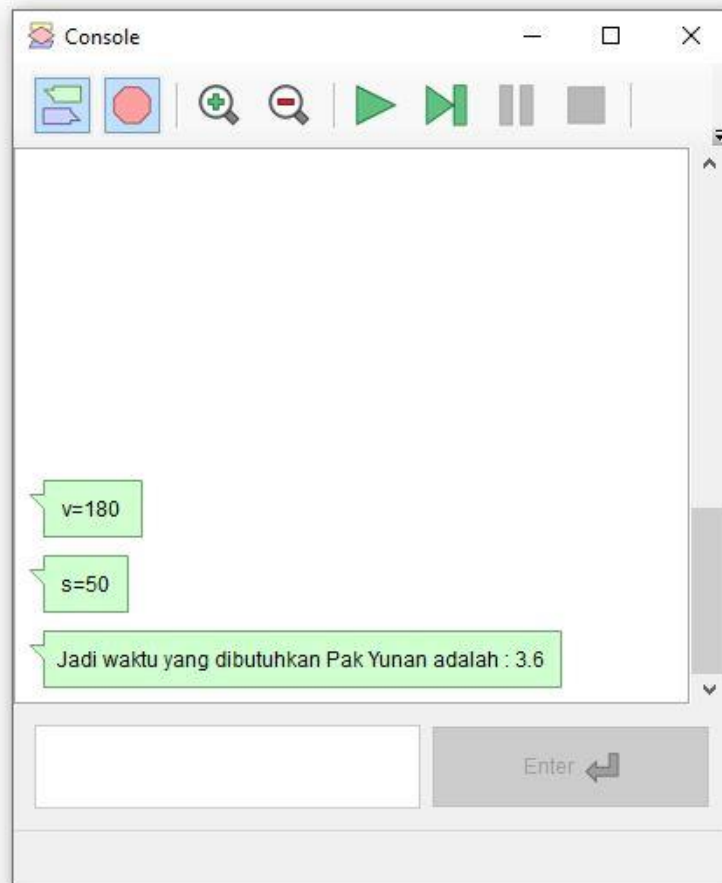
Try the new cross-platform PowerShell https://aka.ms/pscore6

PS D:\TI\AI\Nomor 1c> & 'C:\Users\User\AppData\Local\Programs\Python\Python39\python.exe' 'c:\Users\User\.vscode\extensions\ms-python.python-2021.10.1365161279\pythonFiles\lib\python\debugpy\launcher' '62687' '--' 'd:\TI\AI\Nomor 1c\Konsep 1.py'
PROGRAM MENGHITUNG WAKTU
-----

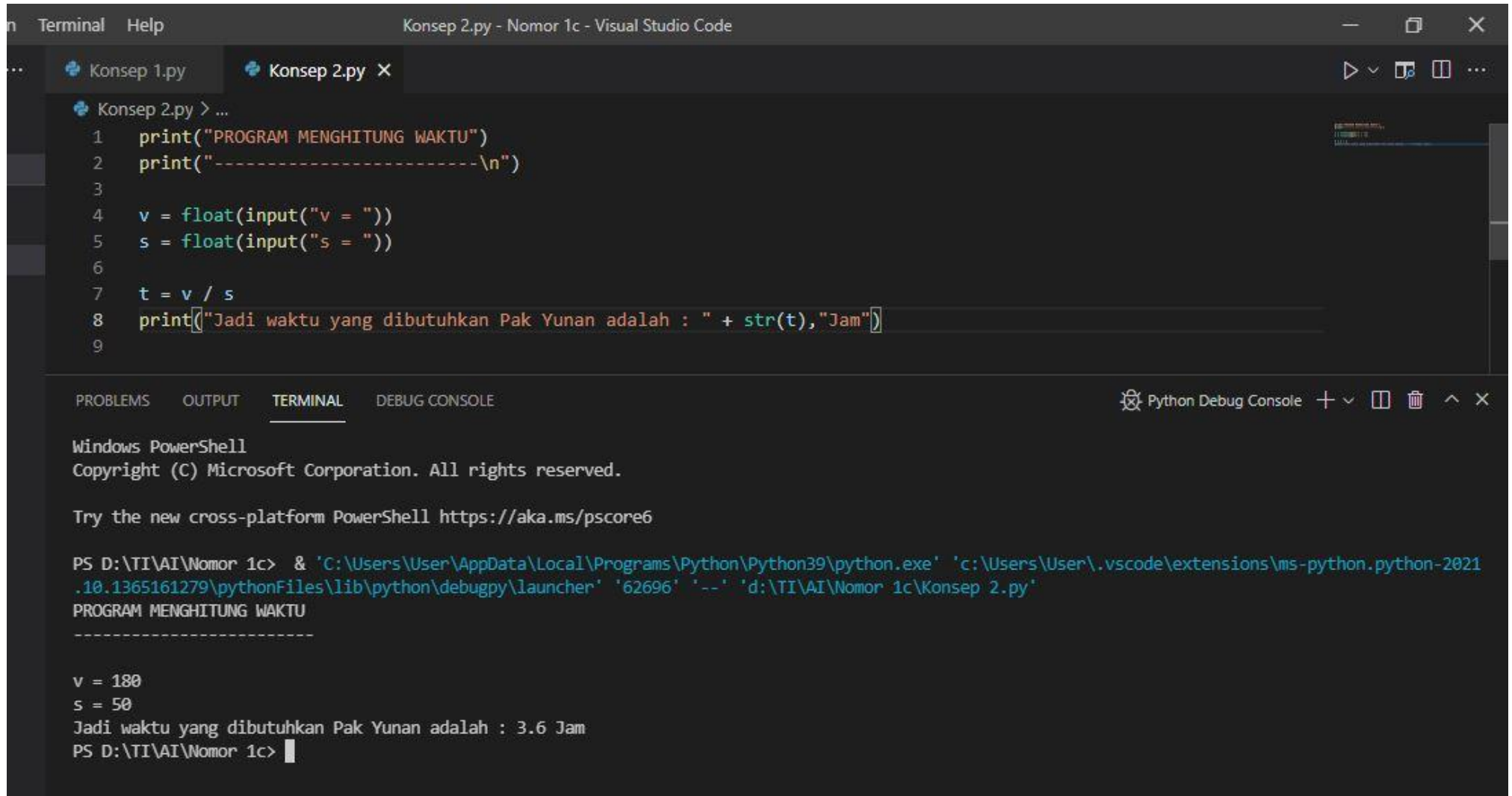
v=180
s=50
Jadi waktu yang dibutuhkan Pak Yunan adalah : 3.6 jam
PS D:\TI\AI\Nomor 1c> 
```

## Menghitung Waktu Konsep 2

Nomor 1c Konsep 1\* - Flowgorithm



## Konsep 2 Menghitung Waktu (.py)



The image shows a Visual Studio Code window with a Python file named 'Konsep 2.py' open. The code in the file calculates the time required for a journey based on distance and speed. Below the code editor, the 'TERMINAL' tab is active, showing the command used to run the script and its output.

```
Konsep 2.py > ...
1  print("PROGRAM MENGHITUNG WAKTU")
2  print("-----\n")
3
4  v = float(input("v = "))
5  s = float(input("s = "))
6
7  t = v / s
8  print("Jadi waktu yang dibutuhkan Pak Yunan adalah : " + str(t), "Jam")
9
```

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 D:\TI\AI\Nomor 1c> & 'C:\Users\User\AppData\Local\Programs\Python\Python39\python.exe' 'c:\Users\User\.vscode\extensions\ms-python.python-2021.10.1365161279\pythonFiles\lib\python\debugpy\launcher' '62696' '--' 'd:\TI\AI\Nomor 1c\Konsep 2.py'
PROGRAM MENGHITUNG WAKTU
-----

v = 180
s = 50
Jadi waktu yang dibutuhkan Pak Yunan adalah : 3.6 Jam
PS D:\TI\AI\Nomor 1c> |
```