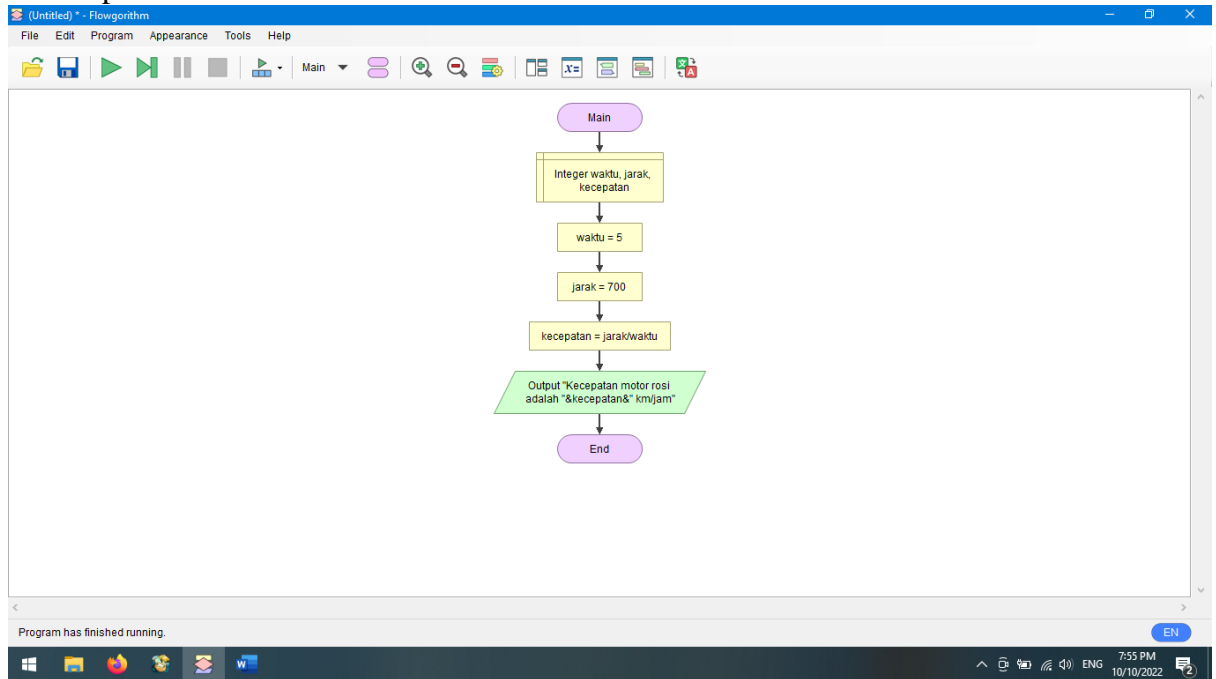


Nama : Zakaria

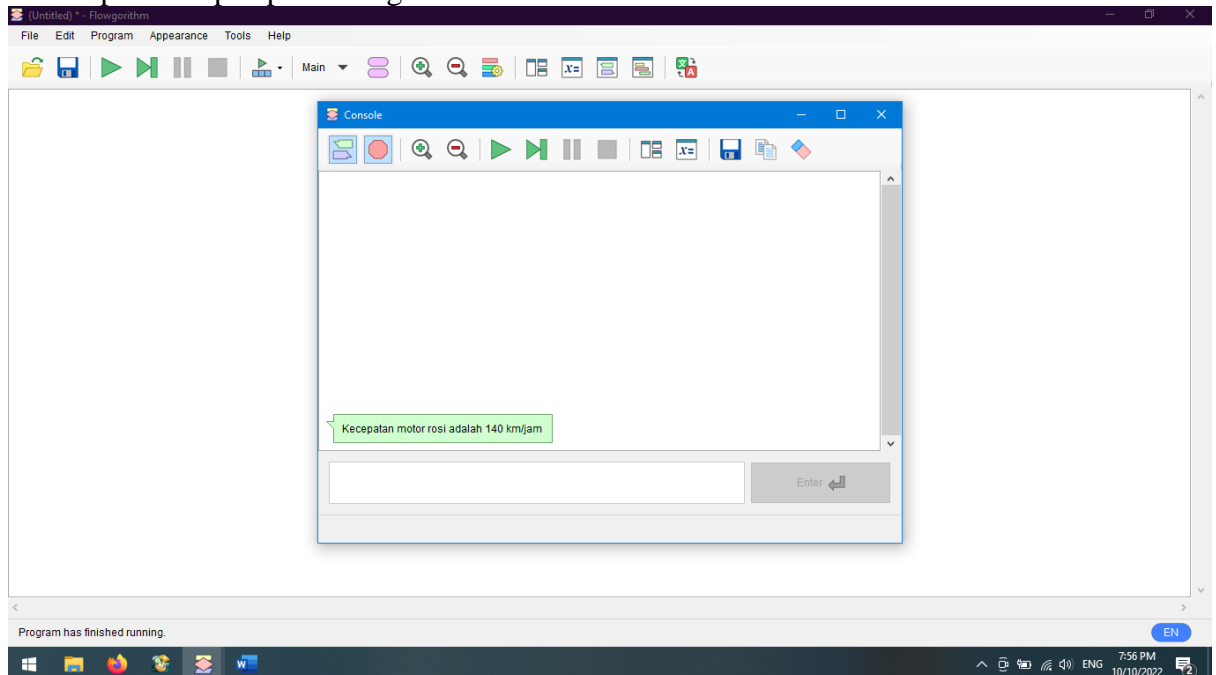
NIM: 211001014

1. Program peghitung kecepatan motor Rossi

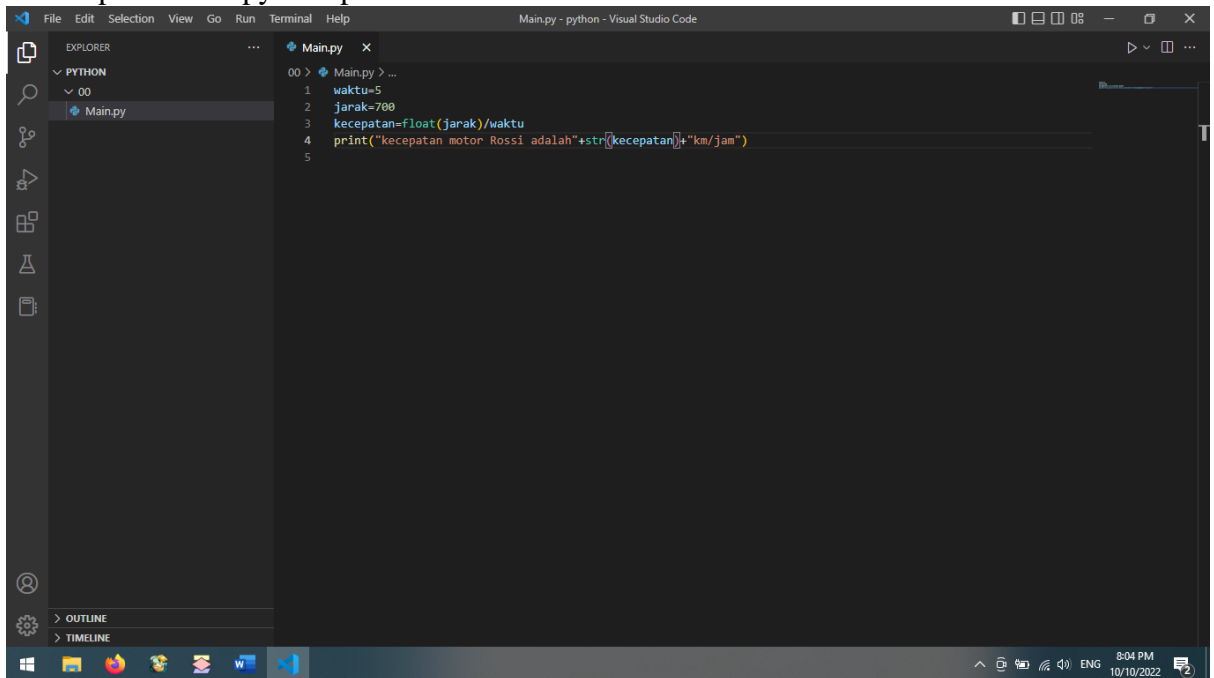
A. Tampilan flowchart



B. Tampilan output pada flowgorithm



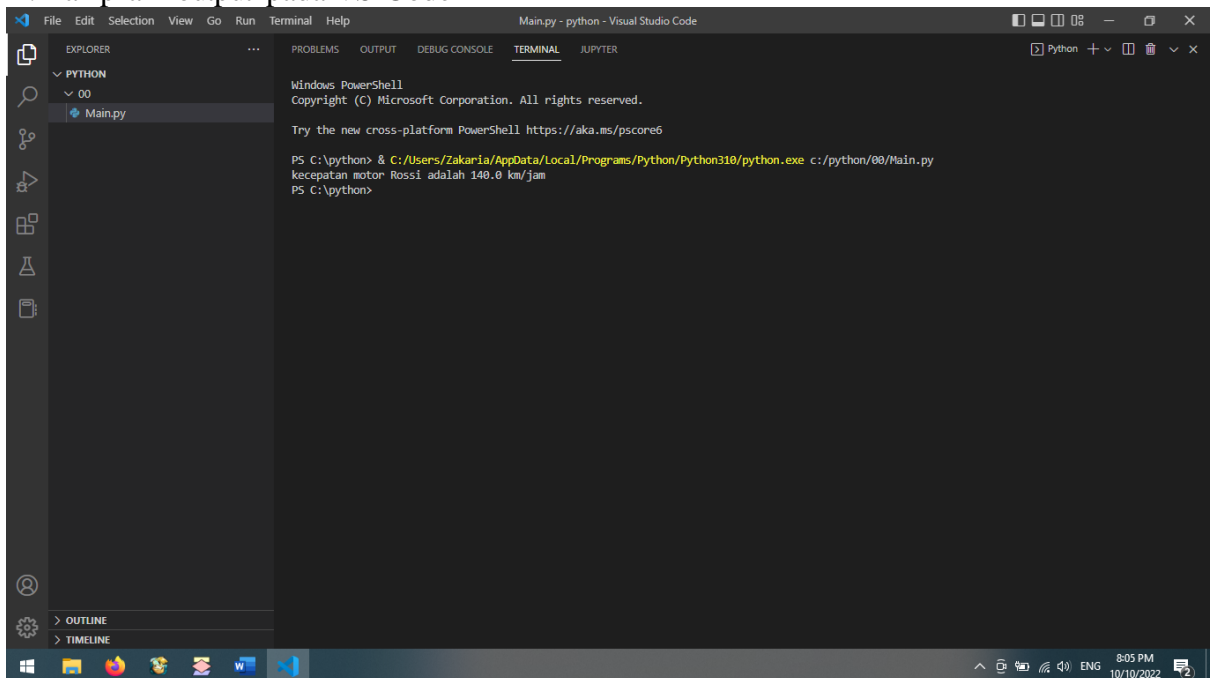
C. Tampilan code python pada VS Code



The screenshot shows the Visual Studio Code editor with a file named `Main.py` open. The code is written in Python and calculates the speed of a motor. The Explorer sidebar on the left shows the file structure with `PYTHON` and `00` folders, and `Main.py` as the active file. The code in the editor is as follows:

```
00 > Main.py > ...
1  waktu=5
2  jarak=700
3  kecepatan=float(jarak)/waktu
4  print("kecepatan motor Rossi adalah"+str(kecepatan)+"km/jam")
5
```

D. Tampilan output pada VS Code



The screenshot shows the Visual Studio Code editor with the `TERMINAL` tab selected. The terminal displays the output of the Python code executed in a Windows PowerShell environment. The output is as follows:

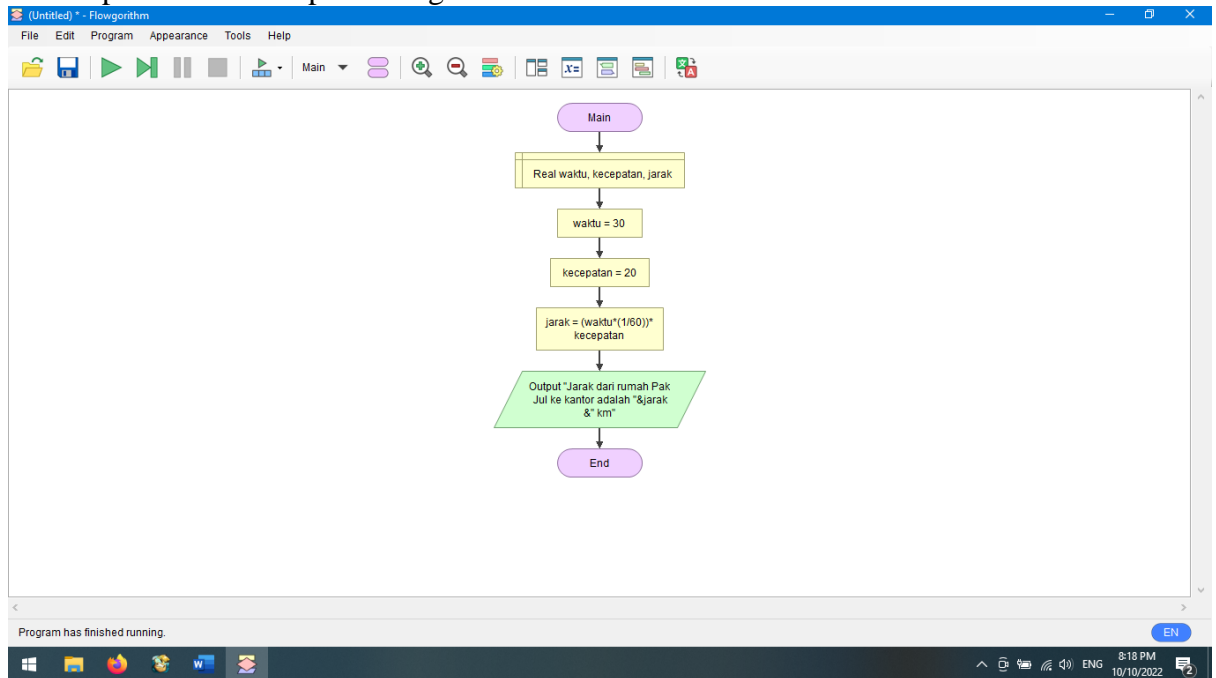
```
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

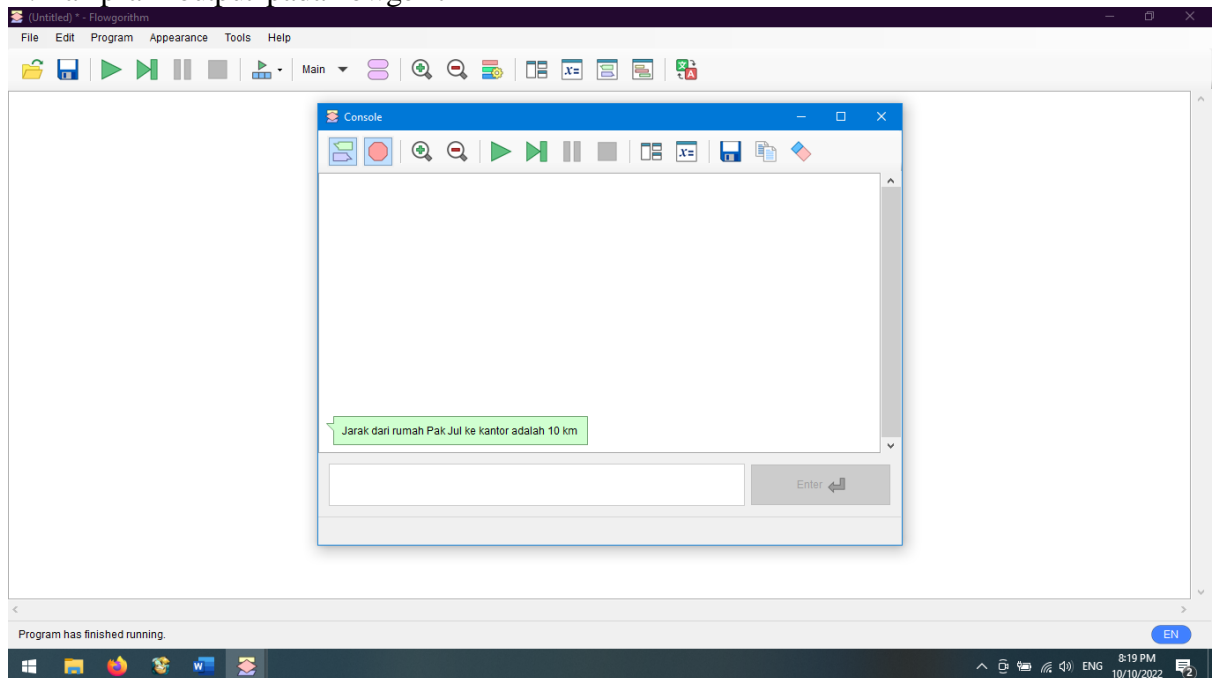
PS C:\python> & C:/Users/Zakaria/AppData/Local/Programs/Python/Python310/python.exe c:/python/00/Main.py
kecepatan motor Rossi adalah 140.0 km/jam
PS C:\python>
```

2. Program penghitung jarak dari rumah Pak Jul ke kantor

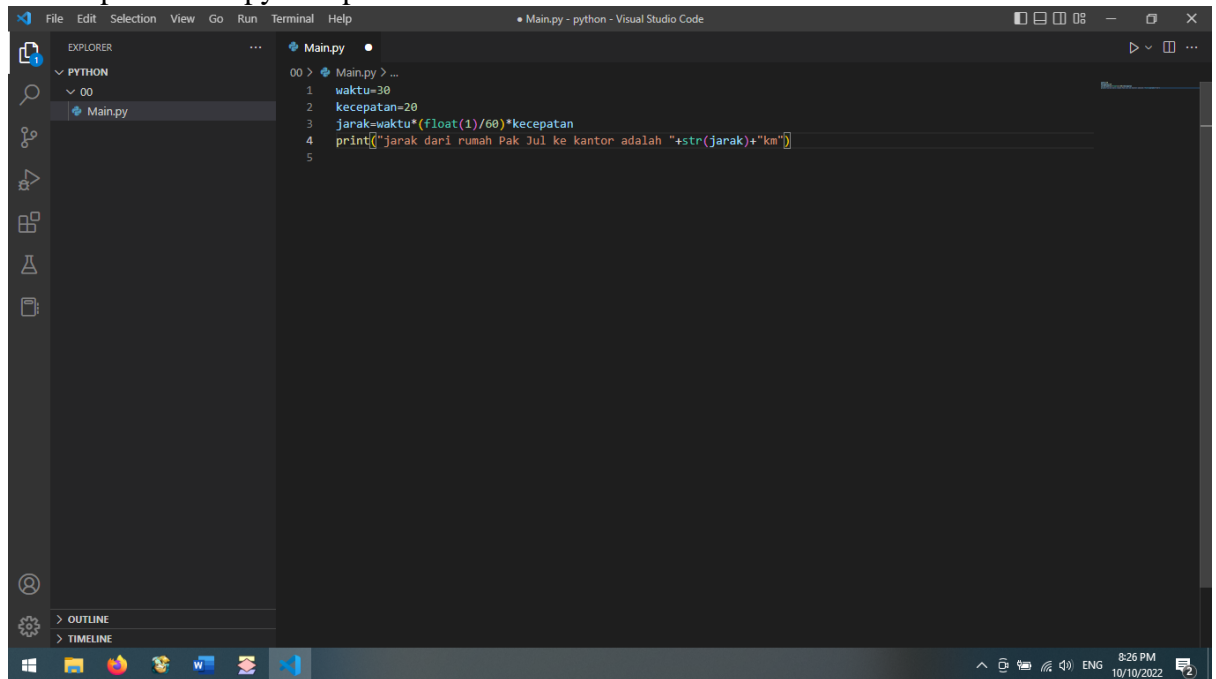
A. Tampilan flowchart pada flowgorithm



B. Tampilan output pada flowgorithm



C. Tampilan code python pada VS Code

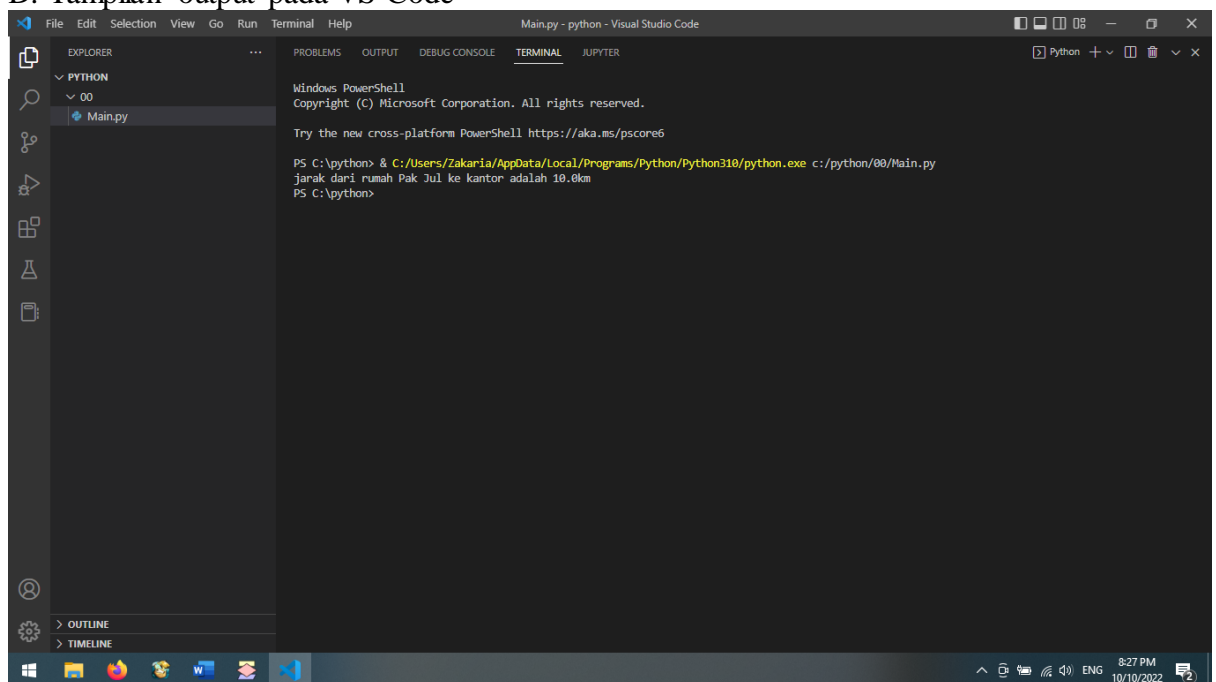


The screenshot shows the Visual Studio Code interface with a Python file named `Main.py` open. The code in the editor is as follows:

```
00 > Main.py > ...
1  waktu=30
2  kecepatan=20
3  jarak=waktu*(float(1)/60)*kecepatan
4  print(f"jarak dari rumah Pak Jul ke kantor adalah "+str(jarak)+"km")
5
```

The Explorer sidebar on the left shows the file structure with `00` as a folder and `Main.py` as a file inside it. The status bar at the bottom indicates the file is `Main.py - python - Visual Studio Code` and the system clock shows 8:26 PM on 10/10/2022.

D. Tampilan output pada VS Code



The screenshot shows the Visual Studio Code interface with the `TERMINAL` view active. The terminal output is as follows:

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

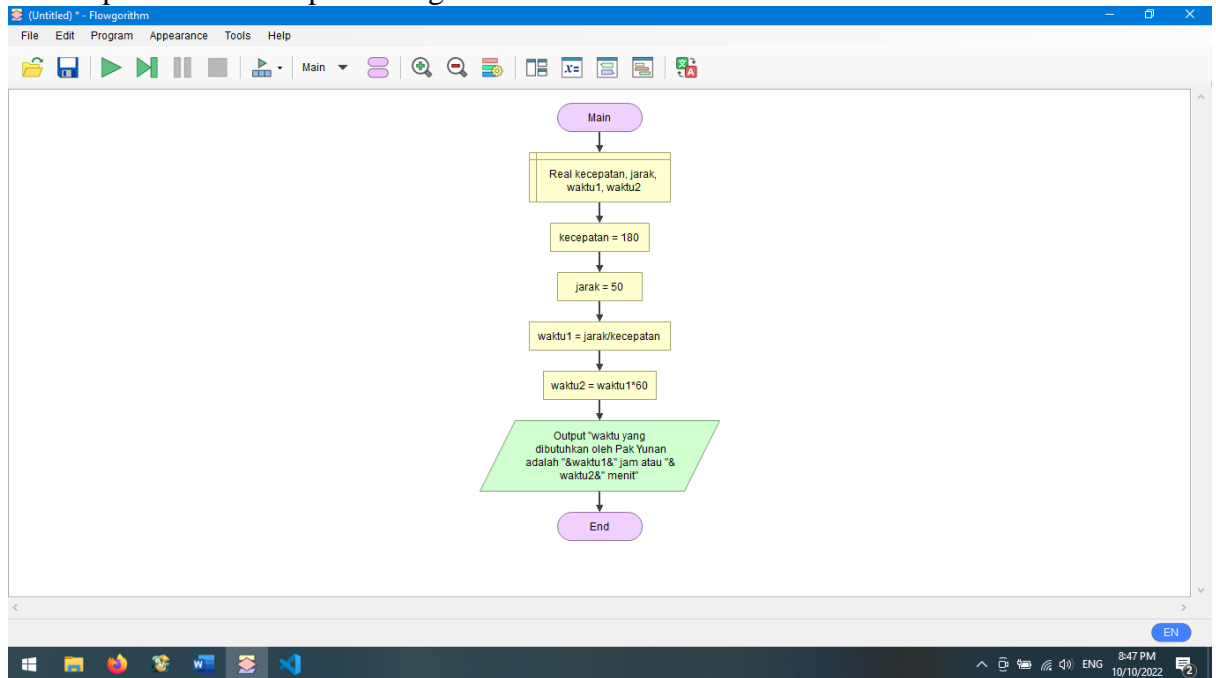
Try the new cross-platform PowerShell https://aka.ms/powershell

PS C:\python> & C:/Users/Zakaria/AppData/Local/Programs/Python/Python310/python.exe c:/python/00/Main.py
jarak dari rumah Pak Jul ke kantor adalah 10.0km
PS C:\python>
```

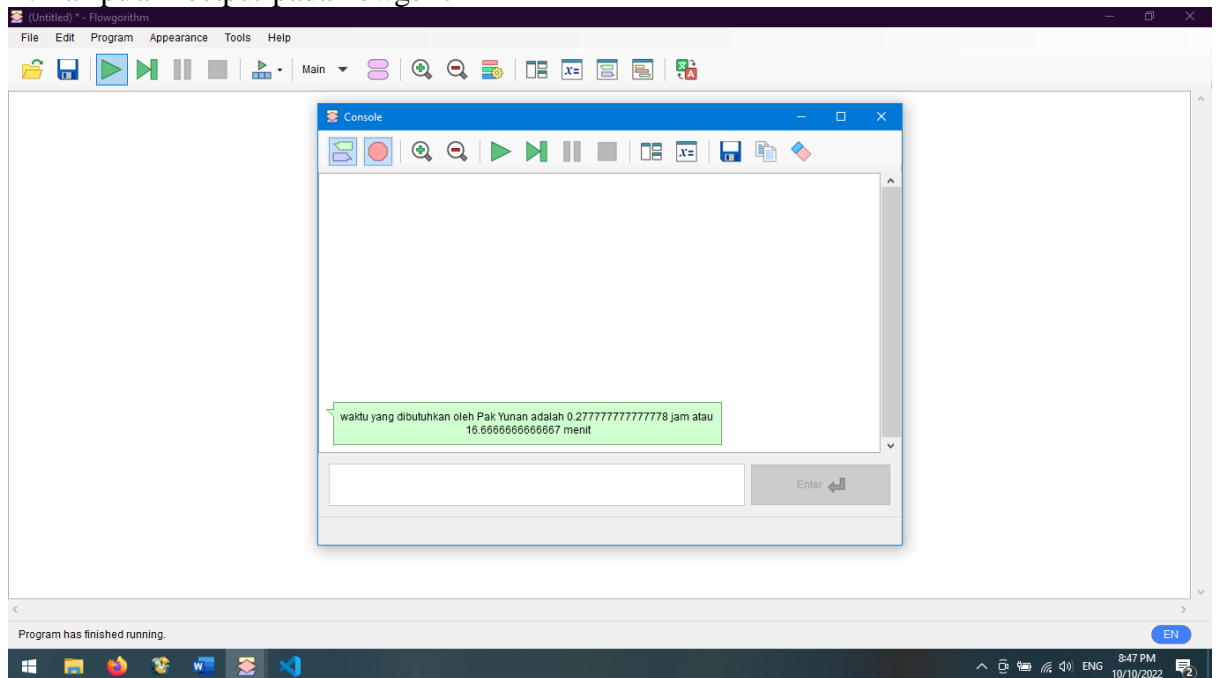
The Explorer sidebar on the left shows the file structure with `00` as a folder and `Main.py` as a file inside it. The status bar at the bottom indicates the file is `Main.py - python - Visual Studio Code` and the system clock shows 8:27 PM on 10/10/2022.

3. Program penghitung waktu tempuh Pak Yunan

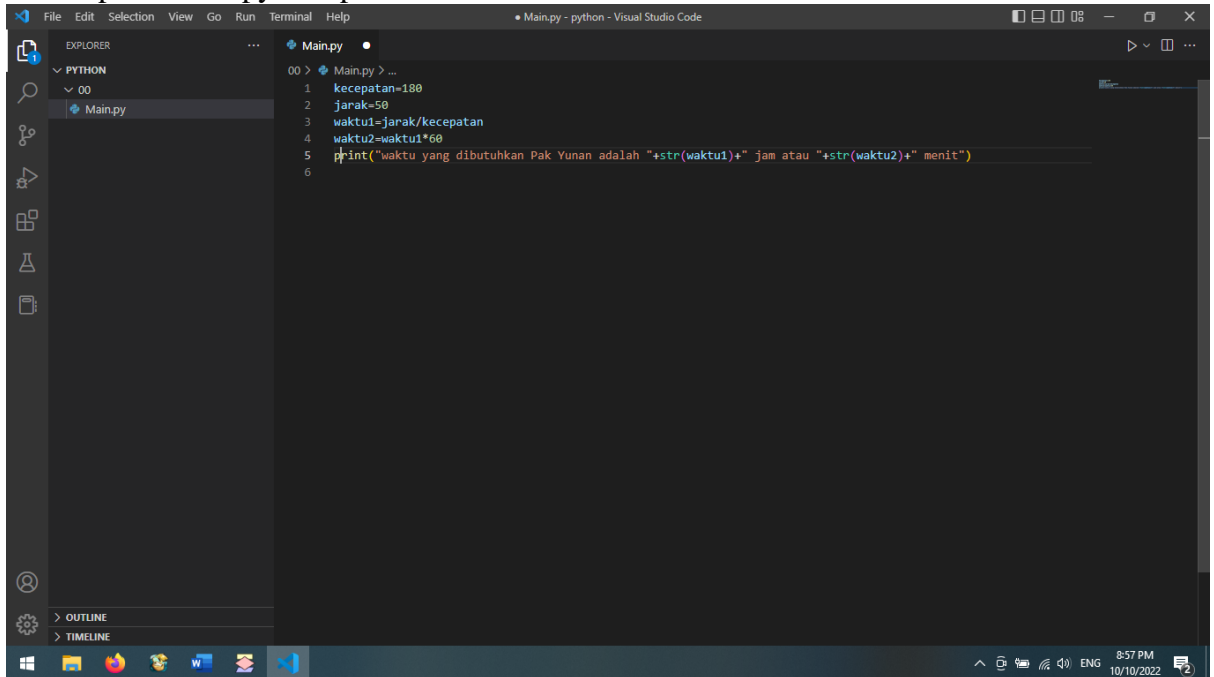
A. Tampilan flowchart pada flowgorithm



B. Tampilan output pada flowgorithm



C. Tampilan code python pada VS Code

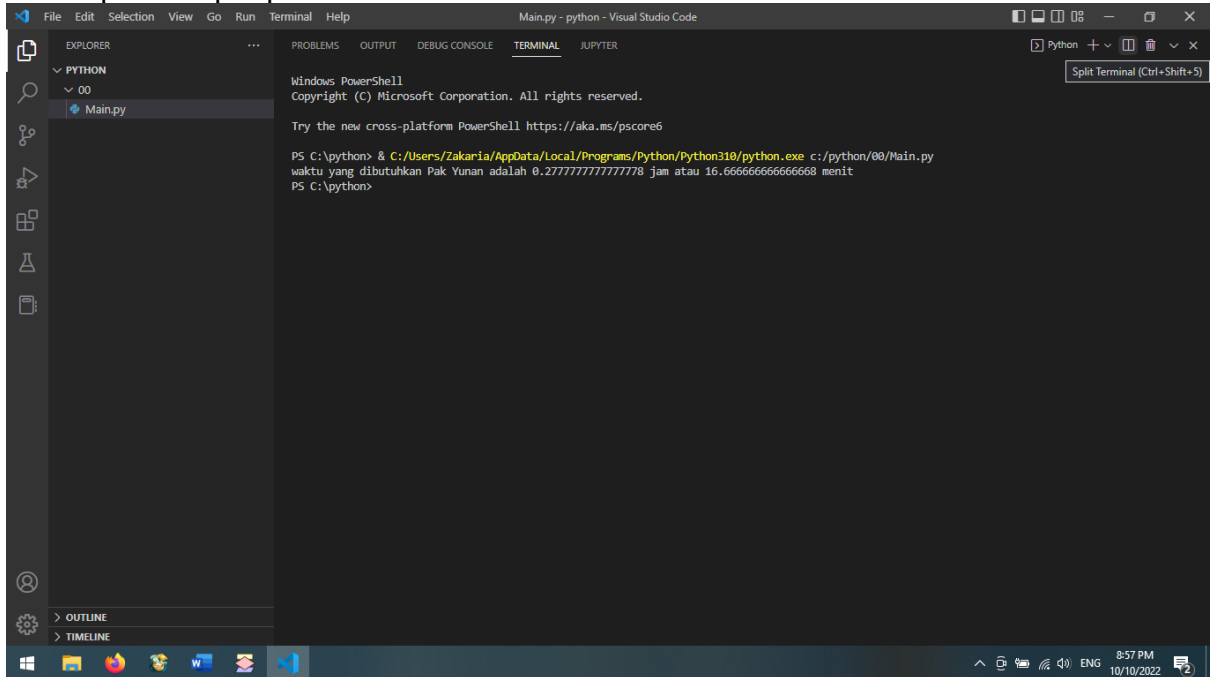


The screenshot shows the Visual Studio Code interface with a Python file named `Main.py` open. The code in the editor is as follows:

```
00 > Main.py > ...
1  kecepatan=180
2  jarak=50
3  waktu1=jarak/kecepatan
4  waktu2=waktu1*60
5  print("waktu yang dibutuhkan Pak Yunan adalah "+str(waktu1)+" jam atau "+str(waktu2)+" menit")
6
```

The interface includes the Explorer sidebar on the left showing the file structure, and the bottom status bar indicating the time as 8:57 PM on 10/10/2022.

D. Tampilan output pada VS Code



The screenshot shows the Visual Studio Code interface with the `TERMINAL` tab active. The terminal output is as follows:

```
Windows PowerShell
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PS C:\python> & C:/Users/Zakaria/AppData/Local/Programs/Python/Python310/python.exe c:/python/00/Main.py
waktu yang dibutuhkan Pak Yunan adalah 0.2777777777777778 jam atau 16.666666666666668 menit
PS C:\python>
```

The terminal output matches the calculation in the Python code from the previous screenshot. The interface also shows the Explorer sidebar on the left and the bottom status bar with the time 8:57 PM on 10/10/2022.