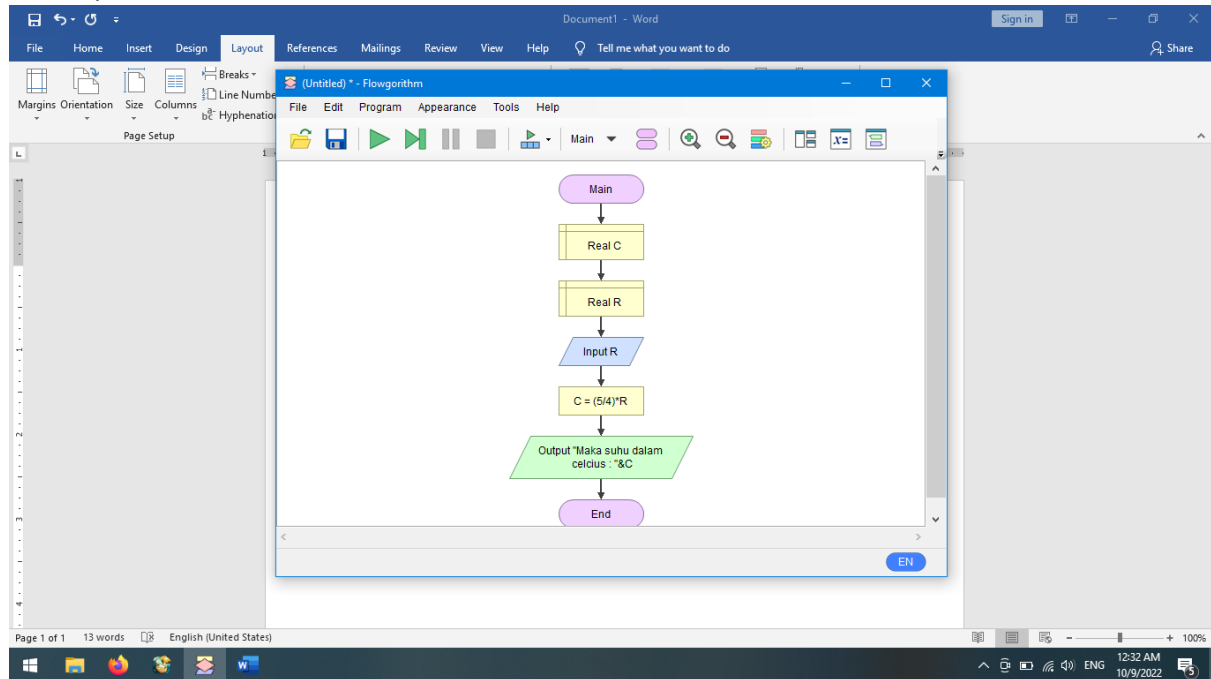


## Program Konversi Suhu Dalam Flowchart dan VS Code

### 1. Program konversi suhu reamur ke celcius

#### A. Tampilan flowchart

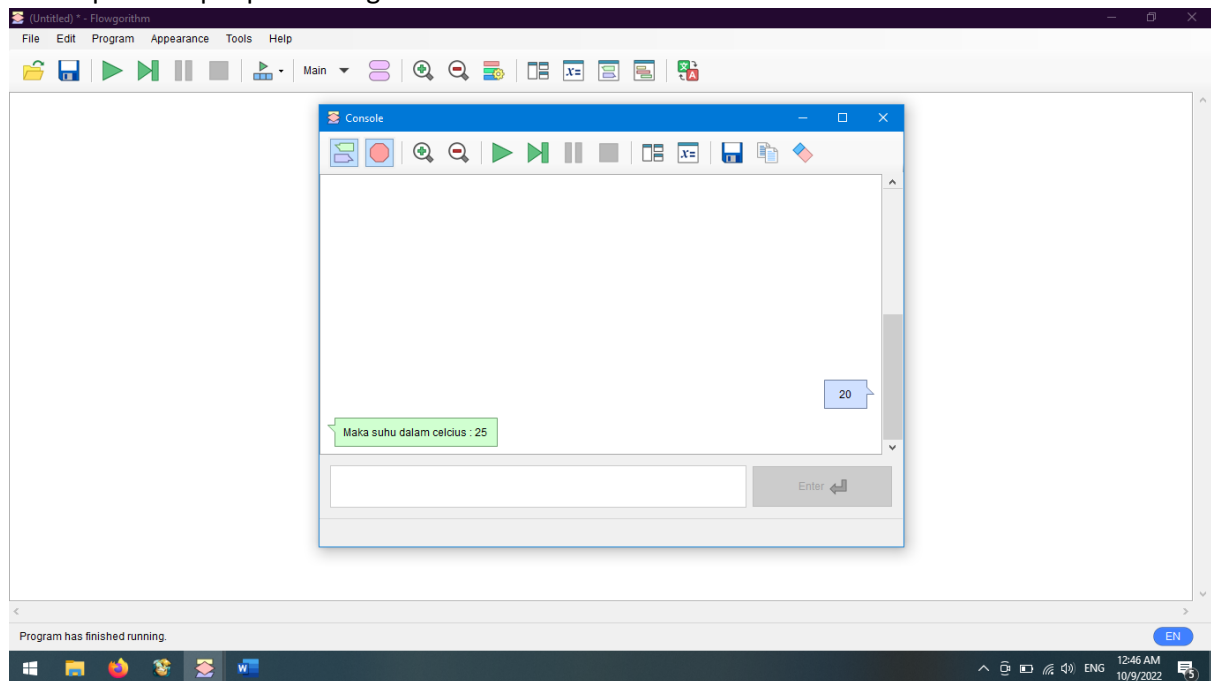


#### B. Tampilan code python pada flowgorithm

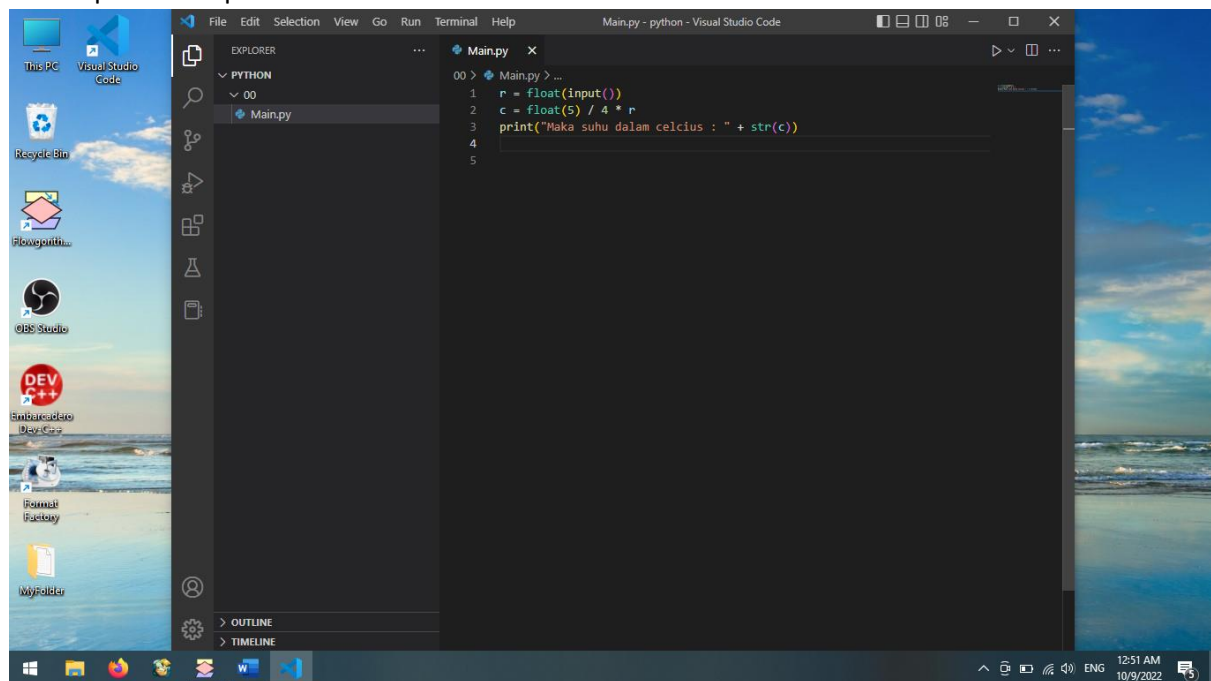
```
0 r = float(input())
1 c = float(5) / 4 * r
2 print("Maka suhu dalam celcius : " + str(c))
```

The Python code is shown in the 'Source Code Viewer' window of Flowgorithm. It implements the logic of the flowchart: reading a Reamur temperature, calculating the Celsius equivalent using the formula  $c = \frac{5}{4} * r$ , and printing the result with a descriptive message.

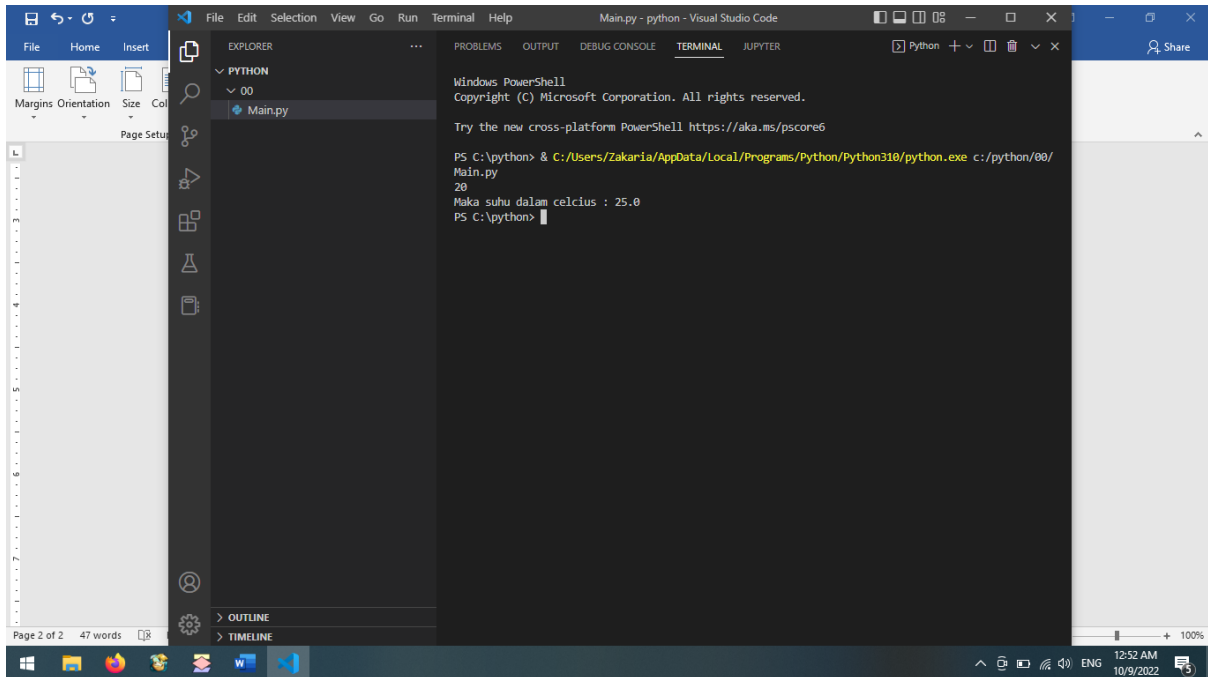
### C. Tampilan output pada flowgorithm



### D. Tampilan code pada visual studio code



## E. Tampilan output pada VS Code



The screenshot shows the Visual Studio Code interface with a Python file named 'Main.py' open. The terminal window displays the output of the program, which is a Windows PowerShell session. The output shows the command 'python c:\python\00\Main.py' being executed, resulting in the text 'Maka suhu dalam celcius : 25.0'.

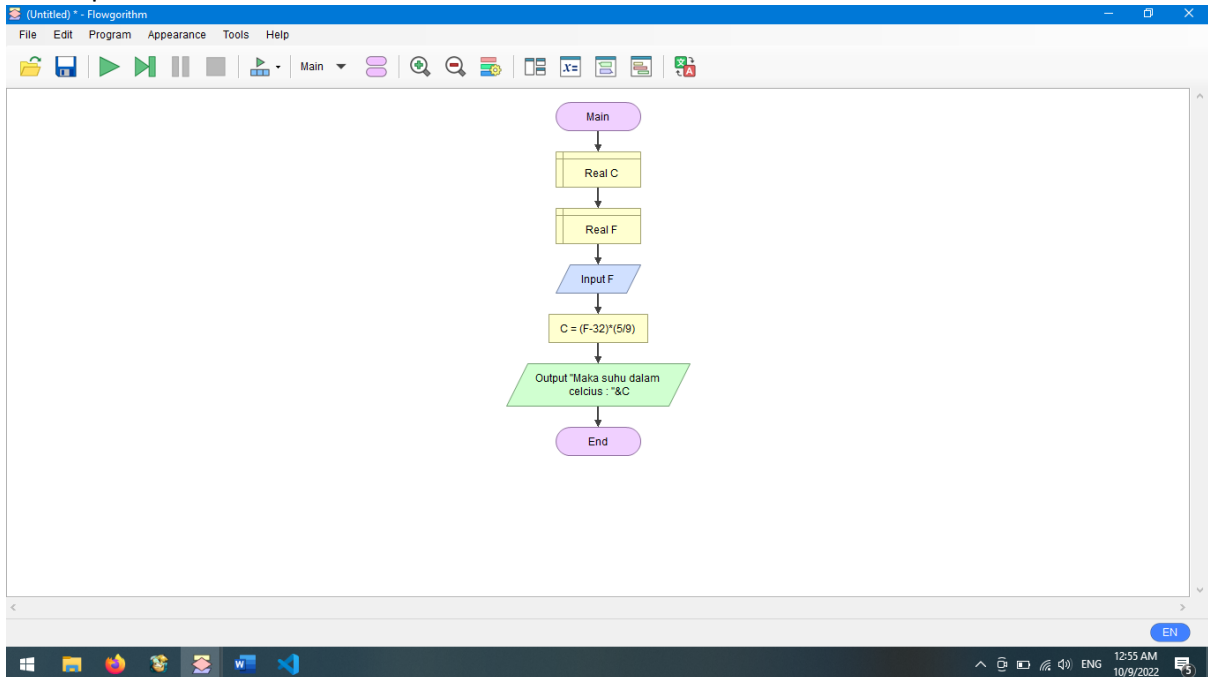
```
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

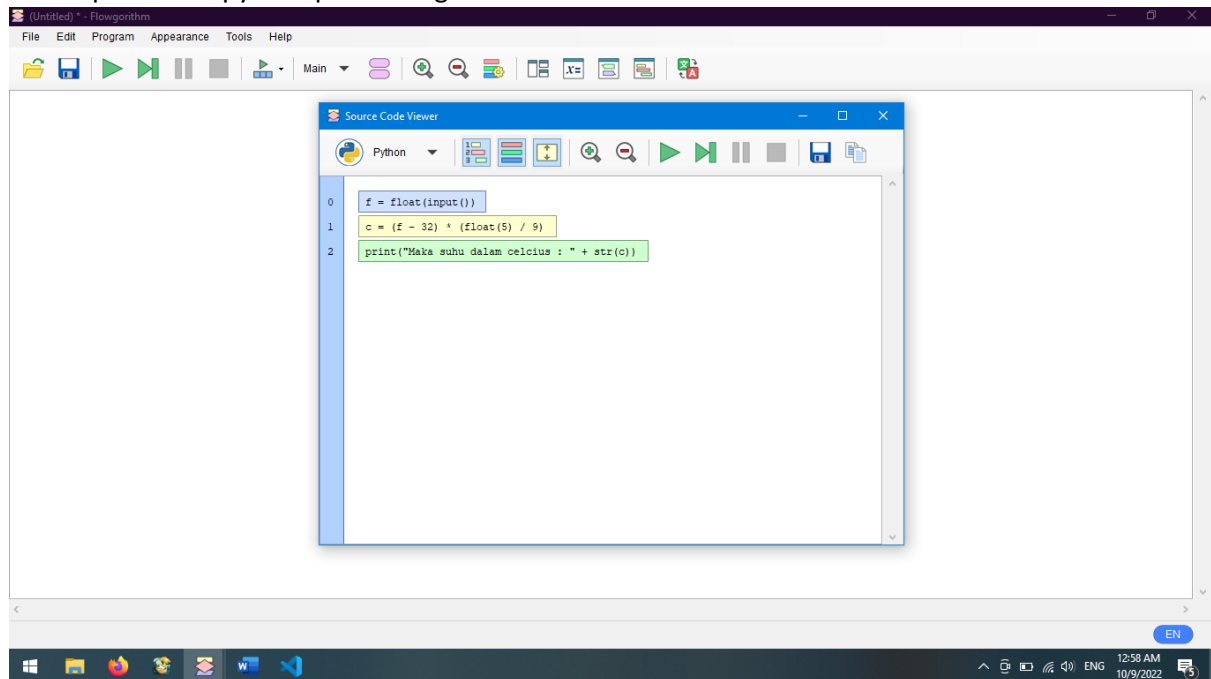
PS C:\python> & C:/Users/Zakaria/AppData/Local/Programs/Python/Python310/python.exe c:/python/00/Main.py
20
Maka suhu dalam celcius : 25.0
PS C:\python>
```

## 2. Program konversi suhu fahrenheit ke celcius

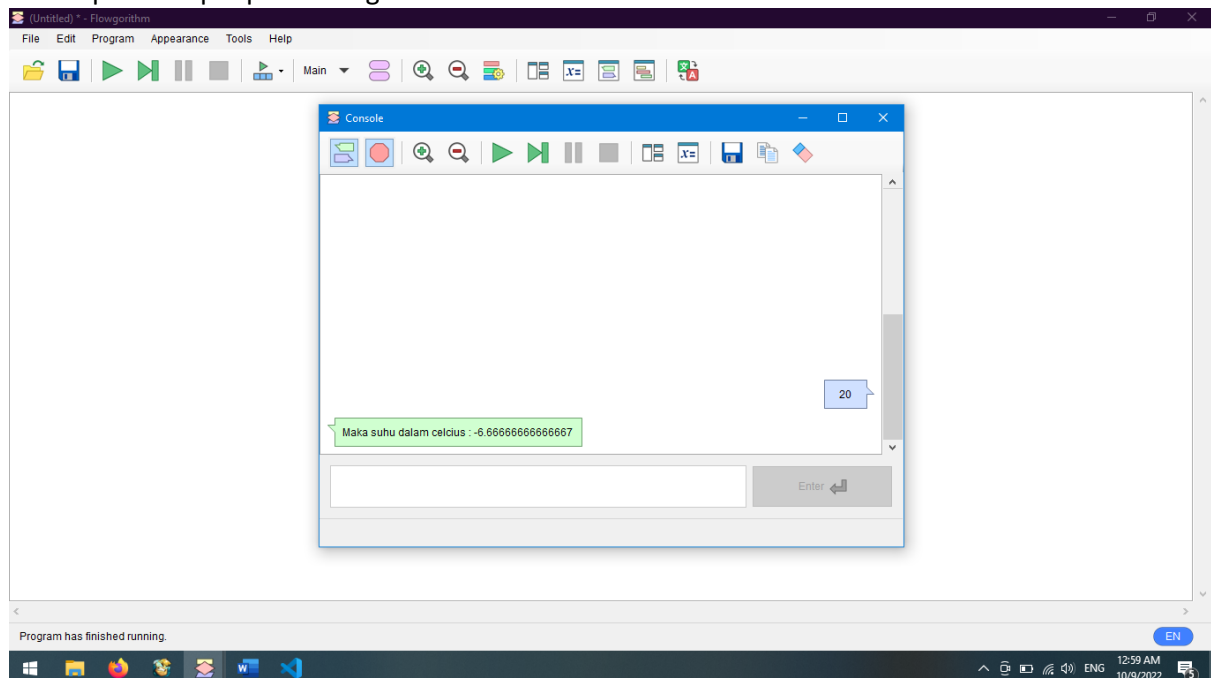
### A. Tampilan flowchart



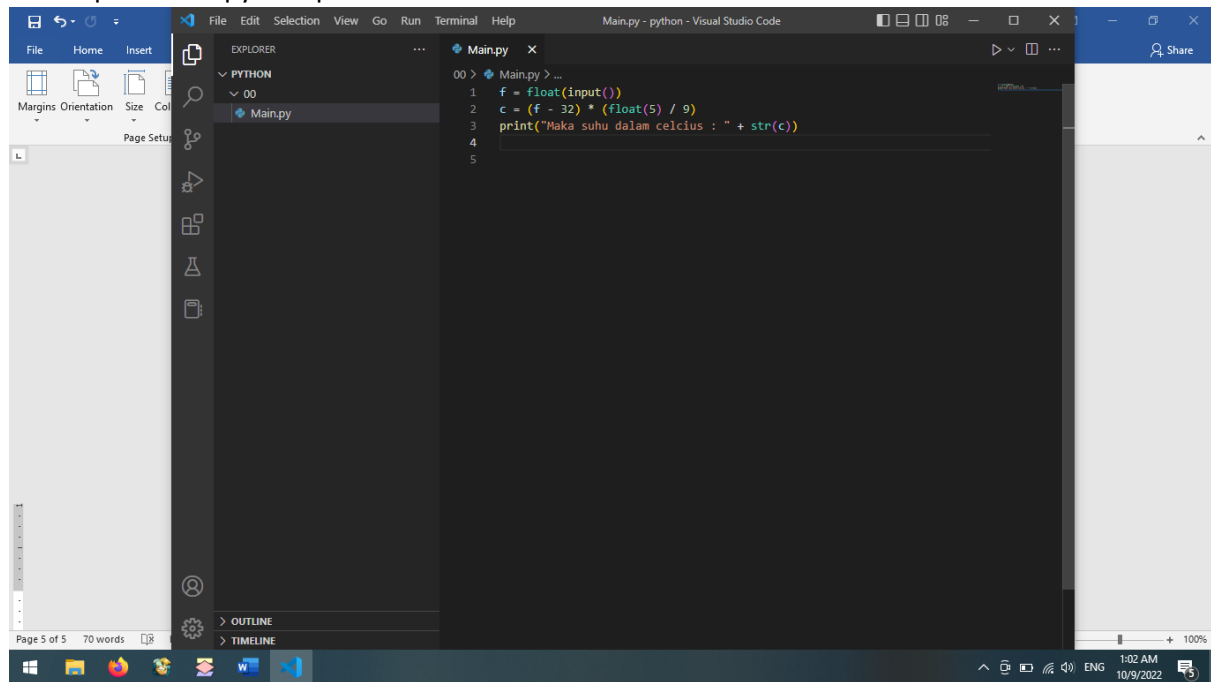
## B. Tampilan code python pada flowgorithm



## C. Tampilan output pada flowgorithm



#### D. Tampilan code python pada VS code

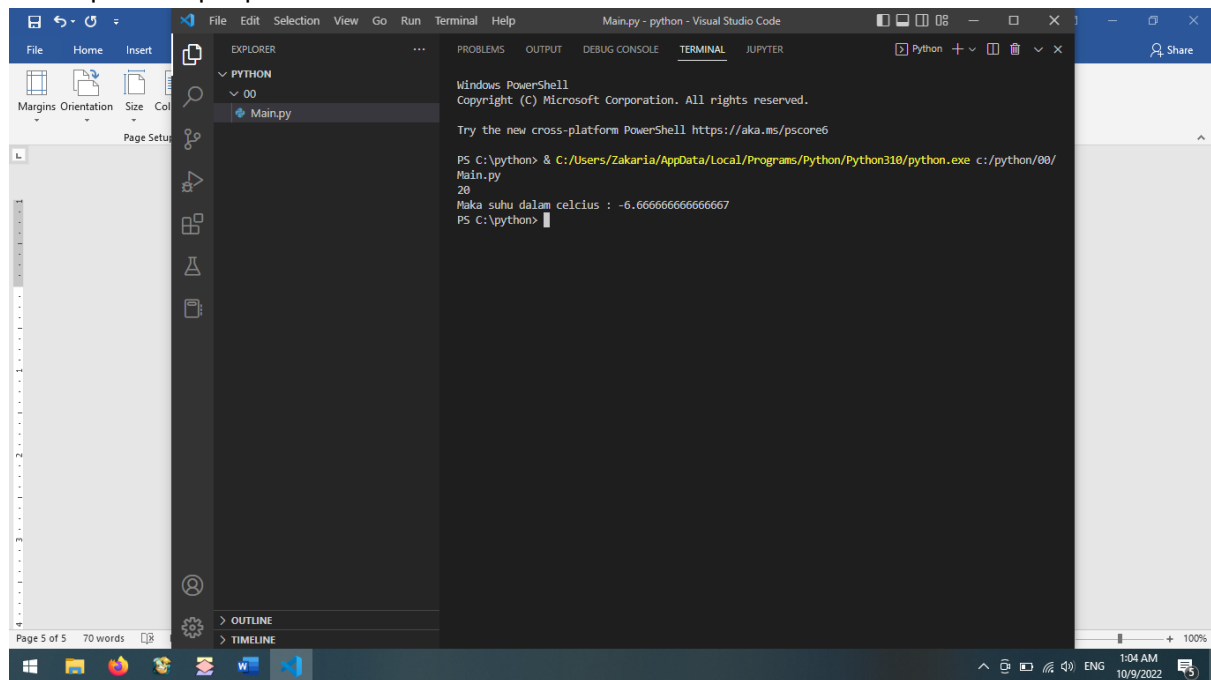


The screenshot shows the Visual Studio Code editor with a Python file named 'Main.py' open. The code is as follows:

```
00 > Main.py > ...
1 f = float(input())
2 c = (f - 32) * (float(5) / 9)
3 print("Maka suhu dalam celcius : " + str(c))
4
5
```

The interface includes the Explorer sidebar on the left showing the file structure, the main editor area with the code, and the bottom status bar indicating 'Page 5 of 5' and '70 words'.

#### E. Tampilan output pada VS Code



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

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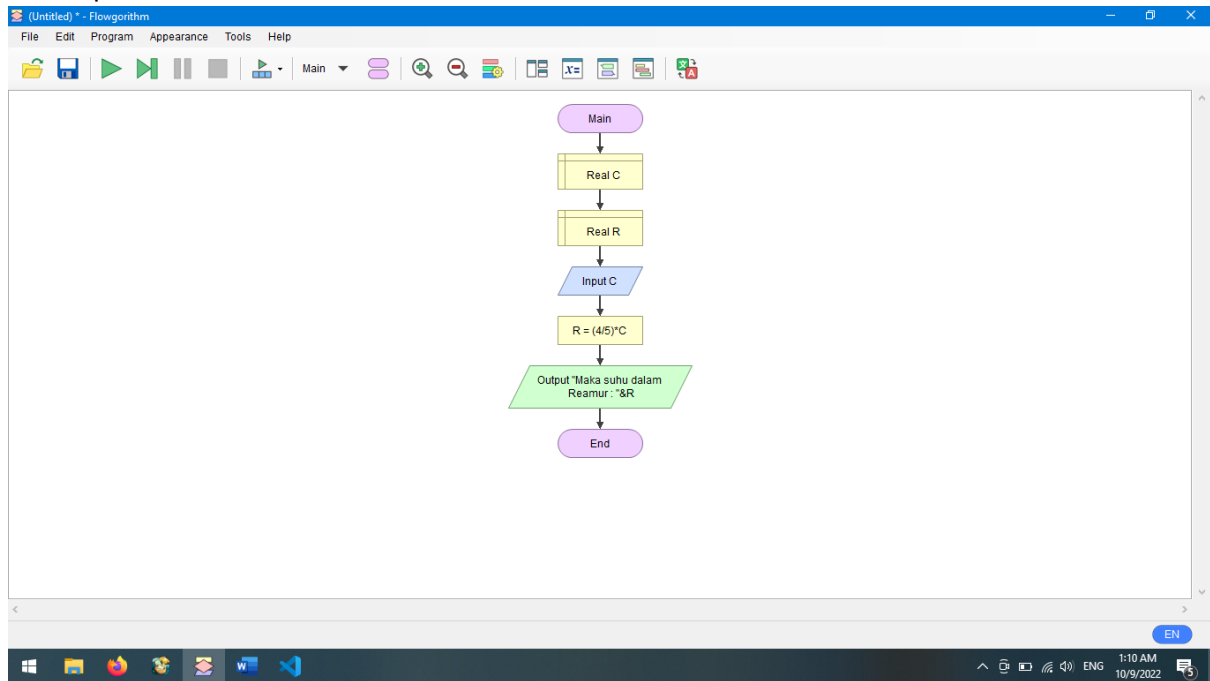
Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\python> & C:/Users/Zakaria/AppData/Local/Programs/Python/Python310/python.exe c:/python/00/
Main.py
20
Maka suhu dalam celcius : -6.666666666666667
PS C:\python>
```

The interface includes the Explorer sidebar on the left, the main editor area, and the bottom status bar indicating 'Page 5 of 5' and '70 words'.

### 3. Program konversi suhu celcius ke reamur

#### A. Tampilan flowchart

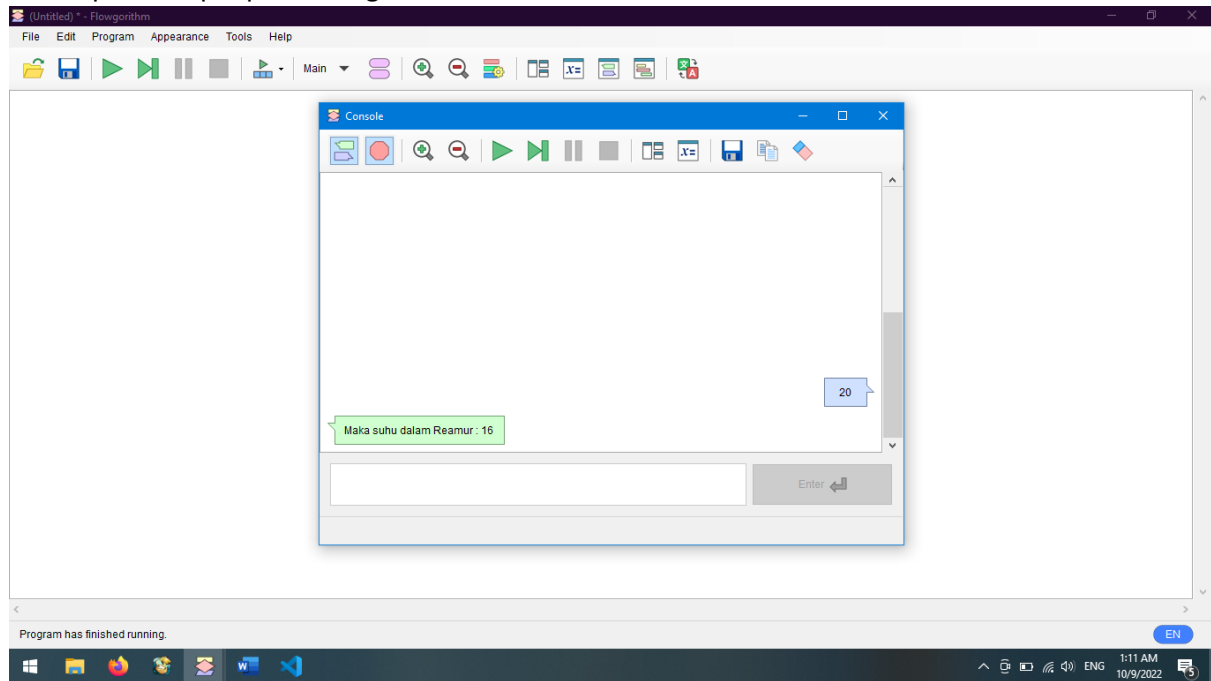


#### B. Tampilan code python pada flowgorithm

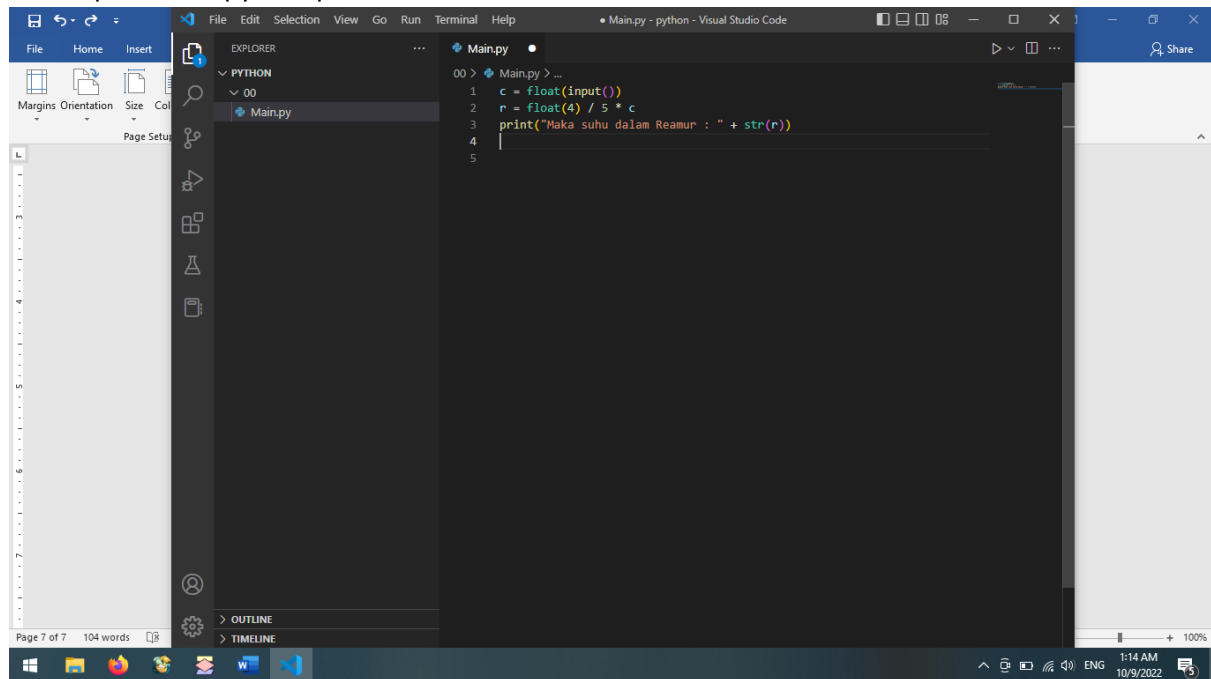
```
0 c = float(input())
1 r = float(4) / 5 * c
2 print("Maka suhu dalam Reamur : " + str(r))
```

The Python code is shown in the 'Source Code Viewer' window of Flowgorithm. It implements the logic of the flowchart: line 0 takes input 'c' as a float, line 1 calculates 'r' as  $\text{float}(4) / 5 * c$ , and line 2 prints the result as a string concatenated with the value of 'r'.

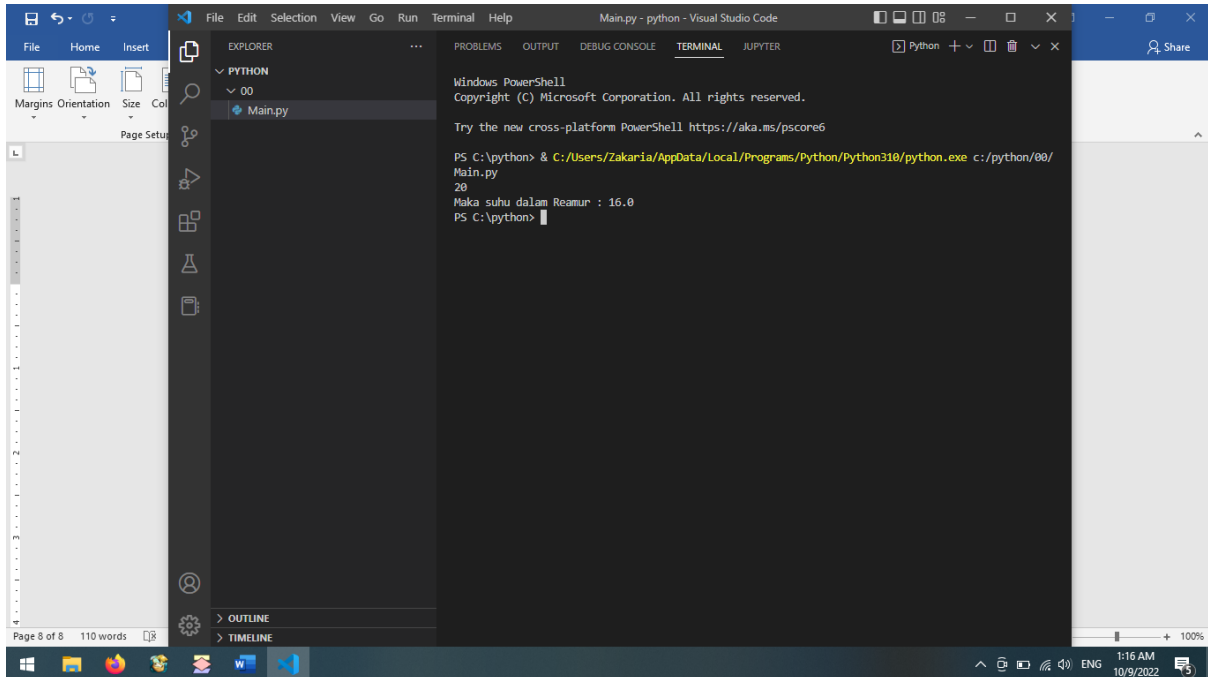
### C. Tampilan output pada flowgorithm



### D. Tampilan code python pada VS Code



## E. Tampilan output pada VS Code



The screenshot shows the Visual Studio Code interface with a Python file named 'Main.py' open. The terminal window displays the output of the script, which is a temperature conversion program. The output shows the current temperature in Celsius (20) and its equivalent in Fahrenheit (68).

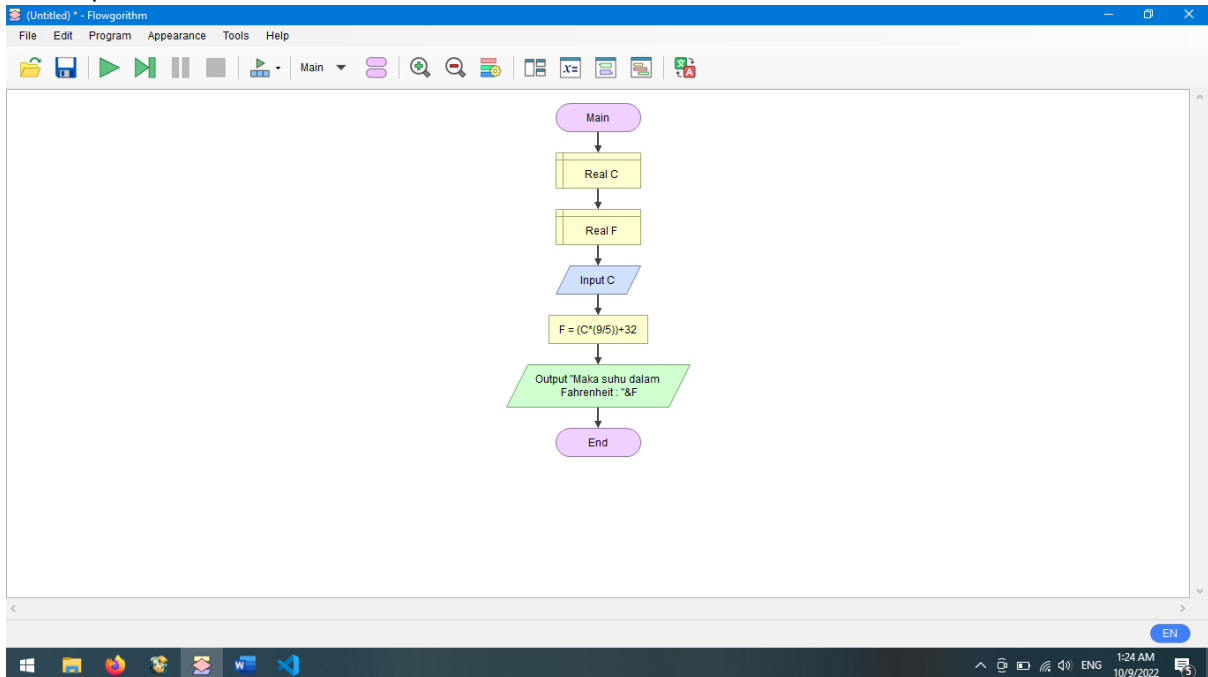
```
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\python> & C:/Users/Zakaria/AppData/Local/Programs/Python/Python310/python.exe c:/python/00/
Main.py
20
Maka suhu dalam Reamur : 16.0
PS C:\python>
```

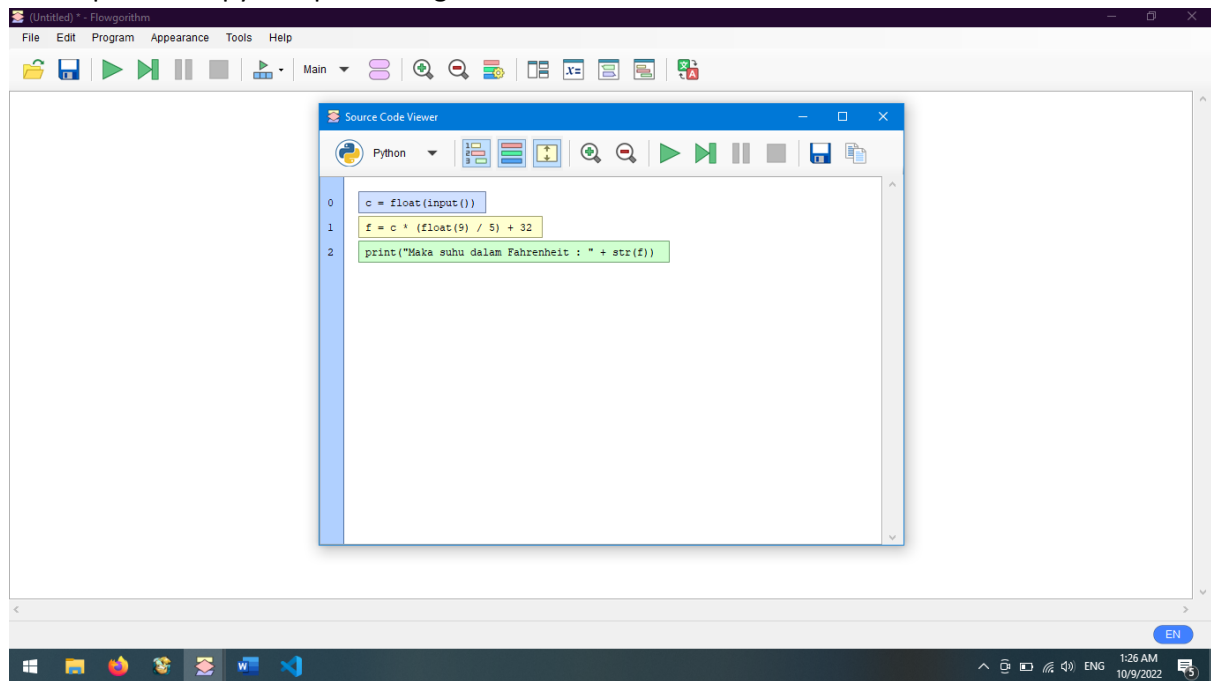
## 4. Program konversi suhu celcius ke fahrenheit

### A. Tampilan flowchart

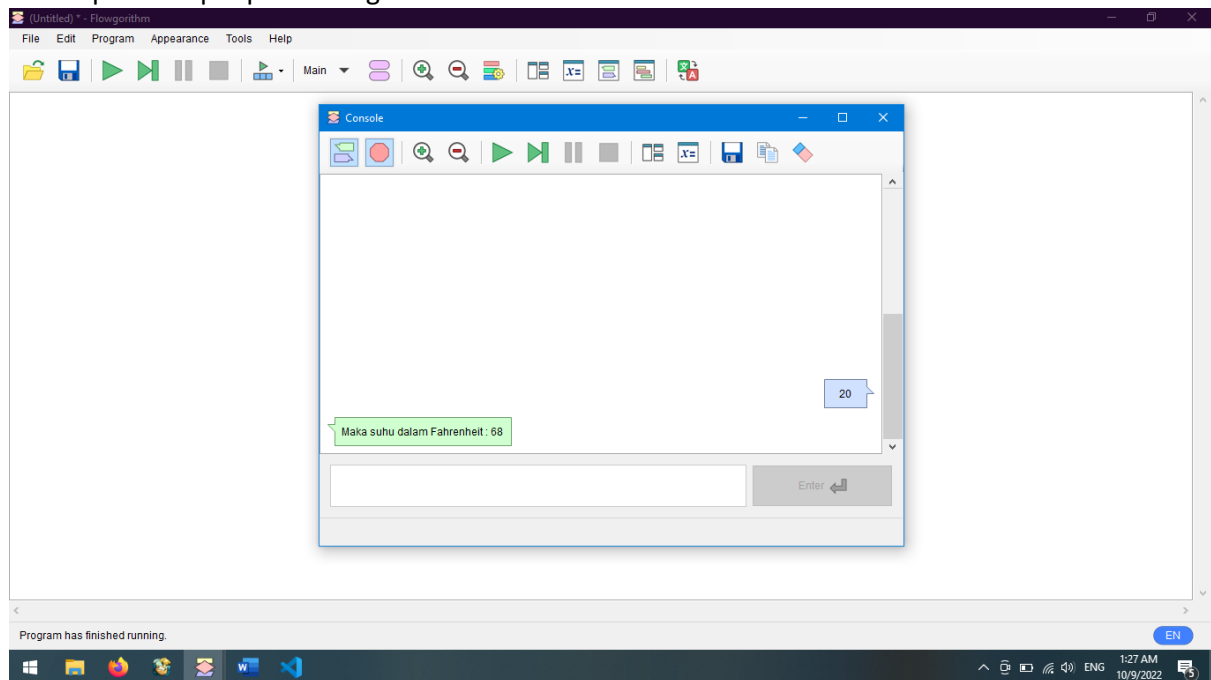




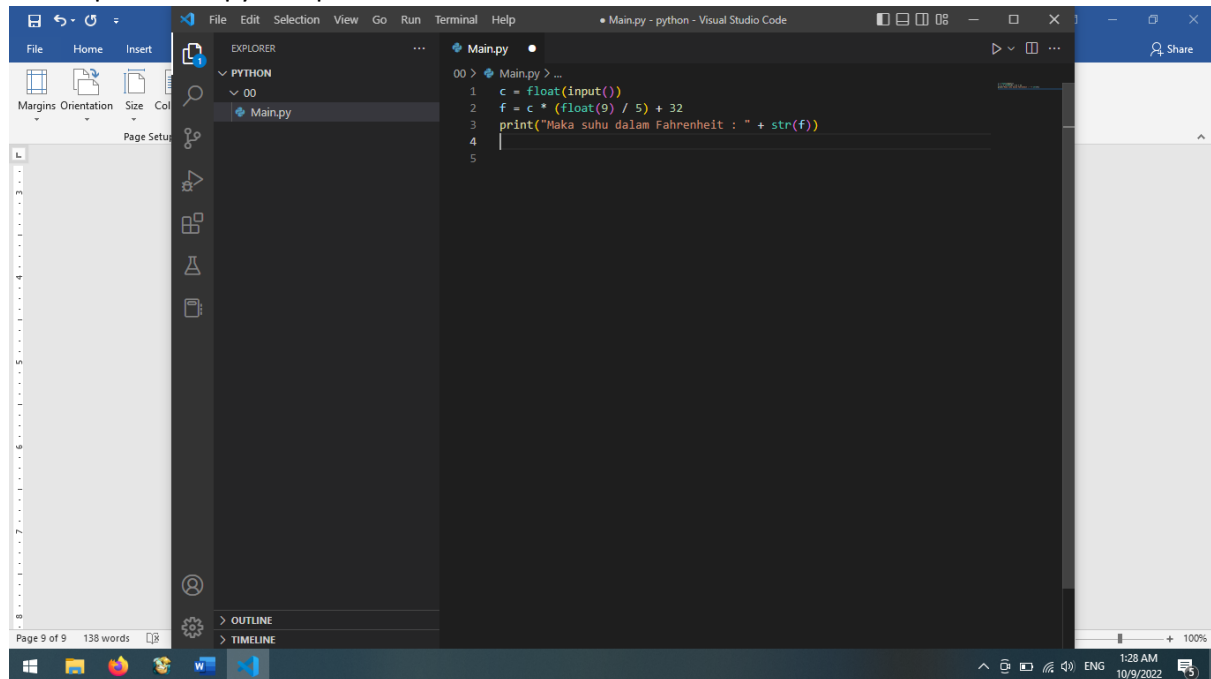
## B. Tampilan code python pada flowgorithm



## C. Tampilan output pada flowgorithm



#### D. Tampilan code python pada VS Code

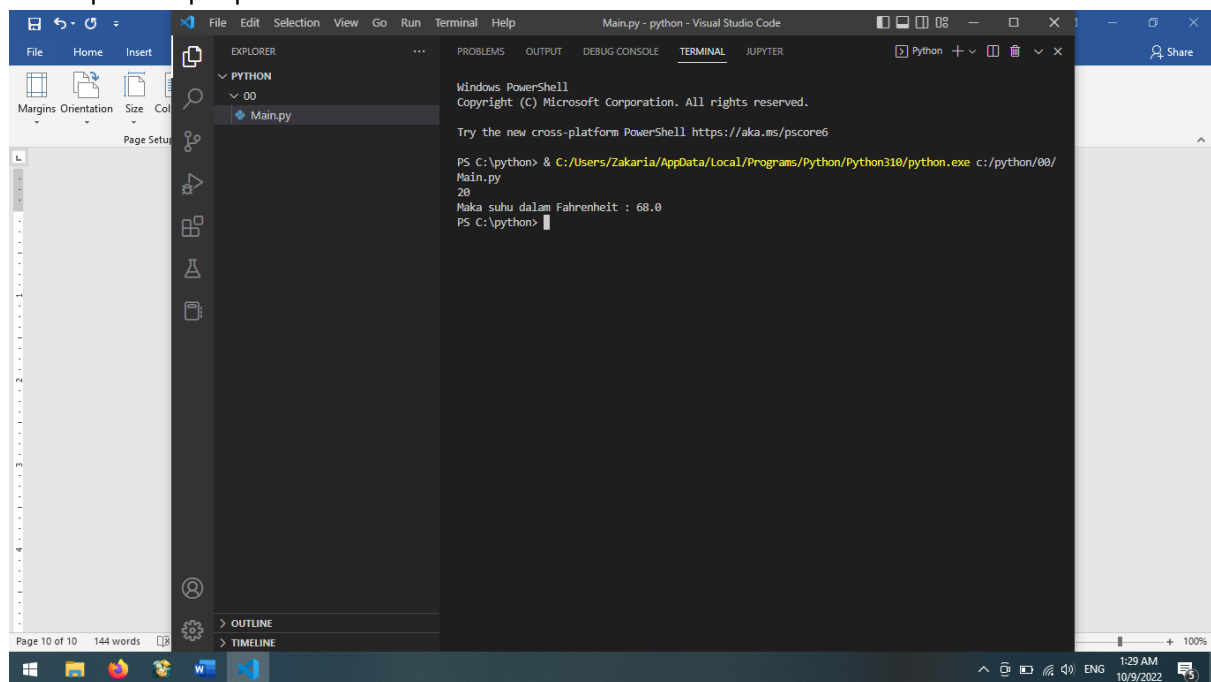


The screenshot shows the Visual Studio Code interface with a Python file named 'Main.py' open. The code in the file is as follows:

```
00 > Main.py > ...
1  c = float(input())
2  f = c * (float(9) / 5) + 32
3  print("Maka suhu dalam Fahrenheit : " + str(f))
4
5
```

The interface includes a sidebar with the Explorer and Search views, a main editor area, and a bottom status bar showing 'Page 9 of 9' and '138 words'.

#### E. Tampilan ouput pada VS Code



The screenshot shows the Visual Studio Code interface with the 'TERMINAL' view active. The terminal 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
20
Maka suhu dalam Fahrenheit : 68.0
PS C:\python>
```

The interface includes a sidebar with the Explorer and Search views, a main editor area, and a bottom status bar showing 'Page 10 of 10' and '144 words'.