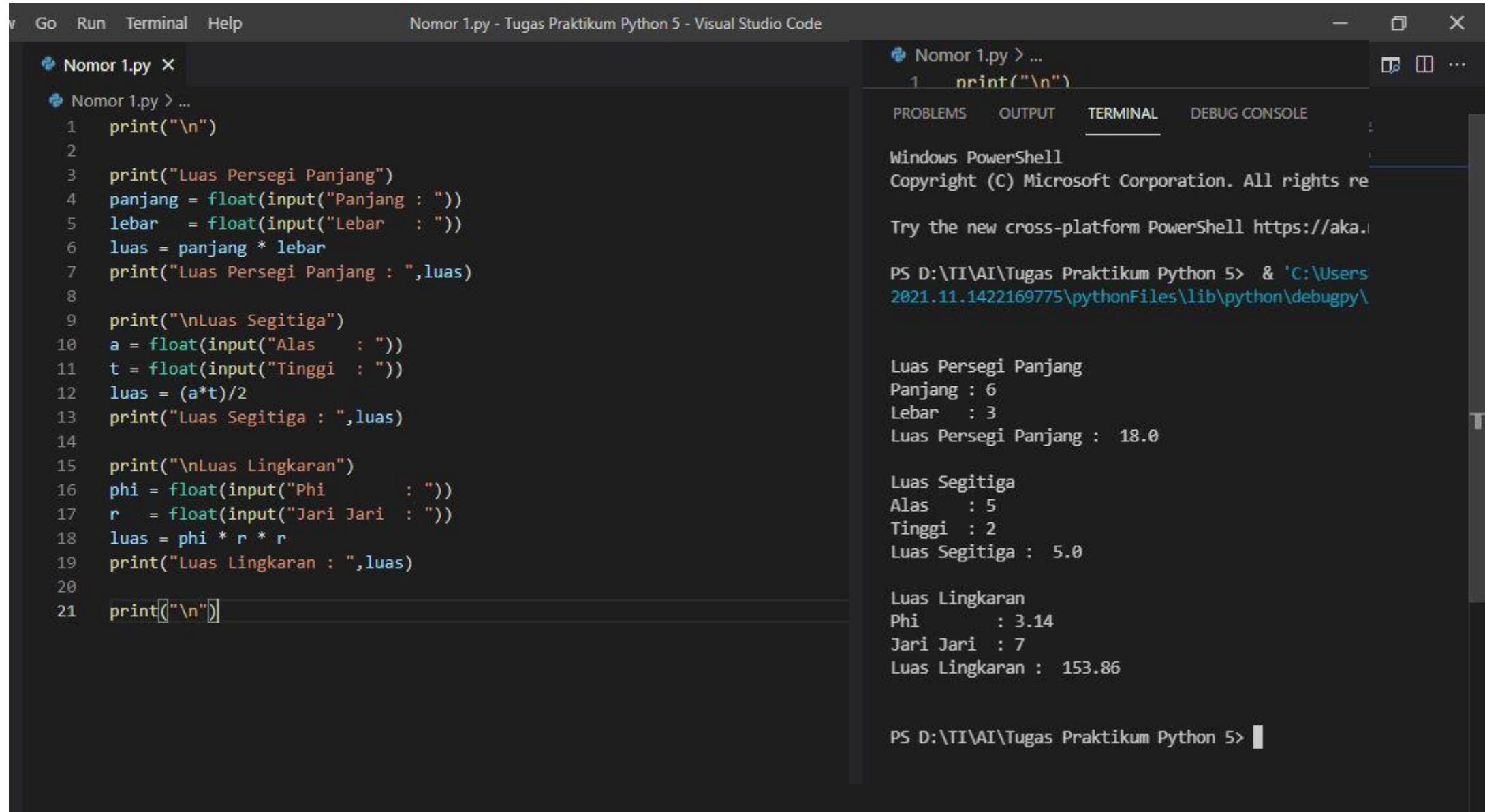


Nomor 1



```
File Edit View Go Run Terminal Help
Nomor 1.py - Tugas Praktikum Python 5 - Visual Studio Code

Nomor 1.py X
Nomor 1.py > ...
1 print("\n")
2
3 print("Luas Persegi Panjang")
4 panjang = float(input("Panjang : "))
5 lebar = float(input("Lebar : "))
6 luas = panjang * lebar
7 print("Luas Persegi Panjang : ",luas)
8
9 print("\nLuas Segitiga")
10 a = float(input("Alas : "))
11 t = float(input("Tinggi : "))
12 luas = (a*t)/2
13 print("Luas Segitiga : ",luas)
14
15 print("\nLuas Lingkaran")
16 phi = float(input("Phi : "))
17 r = float(input("Jari Jari : "))
18 luas = phi * r * r
19 print("Luas Lingkaran : ",luas)
20
21 print("\n")
```

PROBLEMS OUTPUT **TERMINAL** DEBUG CONSOLE

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

PS D:\TI\AI\Tugas Praktikum Python 5> & 'C:\Users\2021.11.1422169775\pythonFiles\lib\python\debugpy\python.exe' -c 'import sys; sys.argv = sys.argv[1:] + ["-i"]; exec(sys.stdin.read())' D:\TI\AI\Tugas Praktikum Python 5\Nomor 1.py

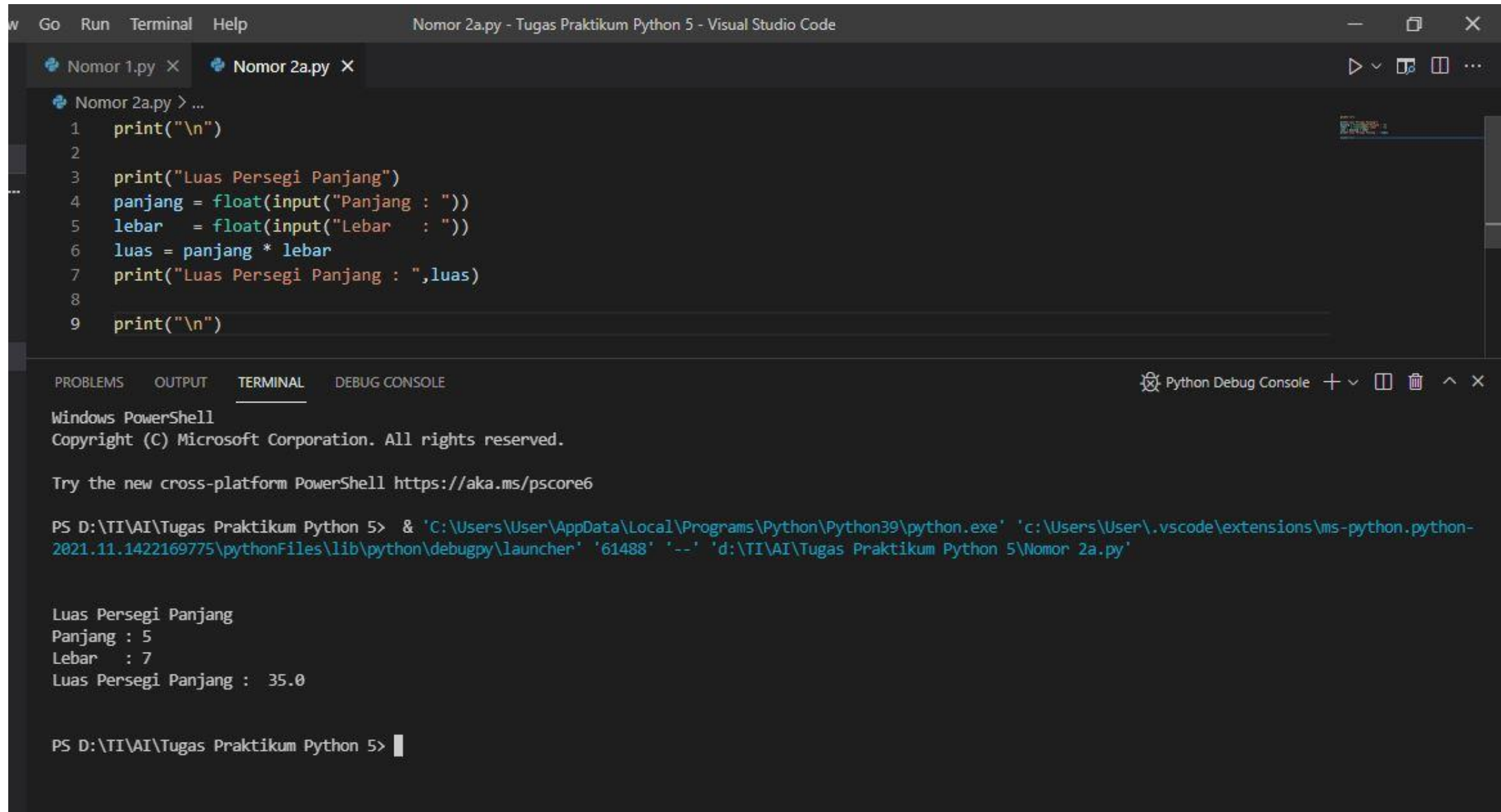
Luas Persegi Panjang
Panjang : 6
Lebar : 3
Luas Persegi Panjang : 18.0

Luas Segitiga
Alas : 5
Tinggi : 2
Luas Segitiga : 5.0

Luas Lingkaran
Phi : 3.14
Jari Jari : 7
Luas Lingkaran : 153.86

PS D:\TI\AI\Tugas Praktikum Python 5>

Nomor 2



The image shows a Visual Studio Code window with a Python file named 'Nomor 2a.py'. The code calculates the area of a rectangle by taking user input for length and width, then multiplying them. The terminal output shows the program running successfully with inputs of 5 and 7, resulting in an area of 35.0.

```
File Explorer | Search | Run and Debug | Output | Terminal | Help
Nomor 2a.py - Tugas Praktikum Python 5 - Visual Studio Code

Nomor 1.py x Nomor 2a.py x

Nomor 2a.py > ...
1  print("\n")
2
3  print("Luas Persegi Panjang")
4  panjang = float(input("Panjang : "))
5  lebar    = float(input("Lebar   : "))
6  luas     = panjang * lebar
7  print("Luas Persegi Panjang : ",luas)
8
9  print("\n")

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

PS D:\TI\AI\Tugas Praktikum Python 5> & 'C:\Users\User\AppData\Local\Programs\Python\Python39\python.exe' 'c:\Users\User\.vscode\extensions\ms-python.python-2021.11.1422169775\pythonFiles\lib\python\debugpy\launcher' '61488' '--' 'd:\TI\AI\Tugas Praktikum Python 5\Nomor 2a.py'

Luas Persegi Panjang
Panjang : 5
Lebar   : 7
Luas Persegi Panjang : 35.0

PS D:\TI\AI\Tugas Praktikum Python 5> |
```

The image shows a Visual Studio Code window with a Python file named 'Nomor 2b.py' open. The code calculates the area of a triangle based on user input for the base ('Alas') and height ('Tinggi'). The formula used is $\text{luas} = (a * t) / 2$. The terminal output shows the program running successfully with inputs of 7 for the base and 4 for the height, resulting in an area of 14.0.

```
View Go Run Terminal Help Nomor 2b.py - Tugas Praktikum Python 5 - Visual Studio Code
```

... Nomor 1.py Nomor 2a.py Nomor 2b.py X

```
Nomor 2b.py > ...
1  print("\n")
2
3  print("\nLuas Segitiga")
4  a = float(input("Alas   : "))
5  t = float(input("Tinggi : "))
6  luas = (a*t)/2
7  print("Luas Segitiga : ",luas)
8
9  print("\n")
```

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/powershell>

PS D:\TI\AI\Tugas Praktikum Python 5> & 'C:\Users\User\AppData\Local\Programs\Python\Python39\python.exe' 'c:\Users\User\.vscode\extensions\ms-python.python-2021.11.1422169775\pythonFiles\lib\python\debugpy\launcher' '61505' '--' 'd:\TI\AI\Tugas Praktikum Python 5\Nomor 2b.py'

Luas Segitiga
Alas : 7
Tinggi : 4
Luas Segitiga : 14.0

PS D:\TI\AI\Tugas Praktikum Python 5> |

The image shows a Visual Studio Code window with the title "Nomor 2c.py - Tugas Praktikum Python 5 - Visual Studio Code". The editor has four tabs: "Nomor 1.py", "Nomor 2a.py", "Nomor 2b.py", and "Nomor 2c.py". The "Nomor 2c.py" tab is active, displaying the following Python code:

```
Nomor 2c.py > ...
1  print("\n")
2
3  print("\nLuas Lingkaran")
4  phi = float(input("Phi      : "))
5  r   = float(input("Jari Jari : "))
6  luas = phi * r * r
7  print("Luas Lingkaran : ",luas)
8
9  print("\n")
```

Below the editor, the "TERMINAL" tab is selected, showing a Windows PowerShell session. The output of the Python script is displayed:

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

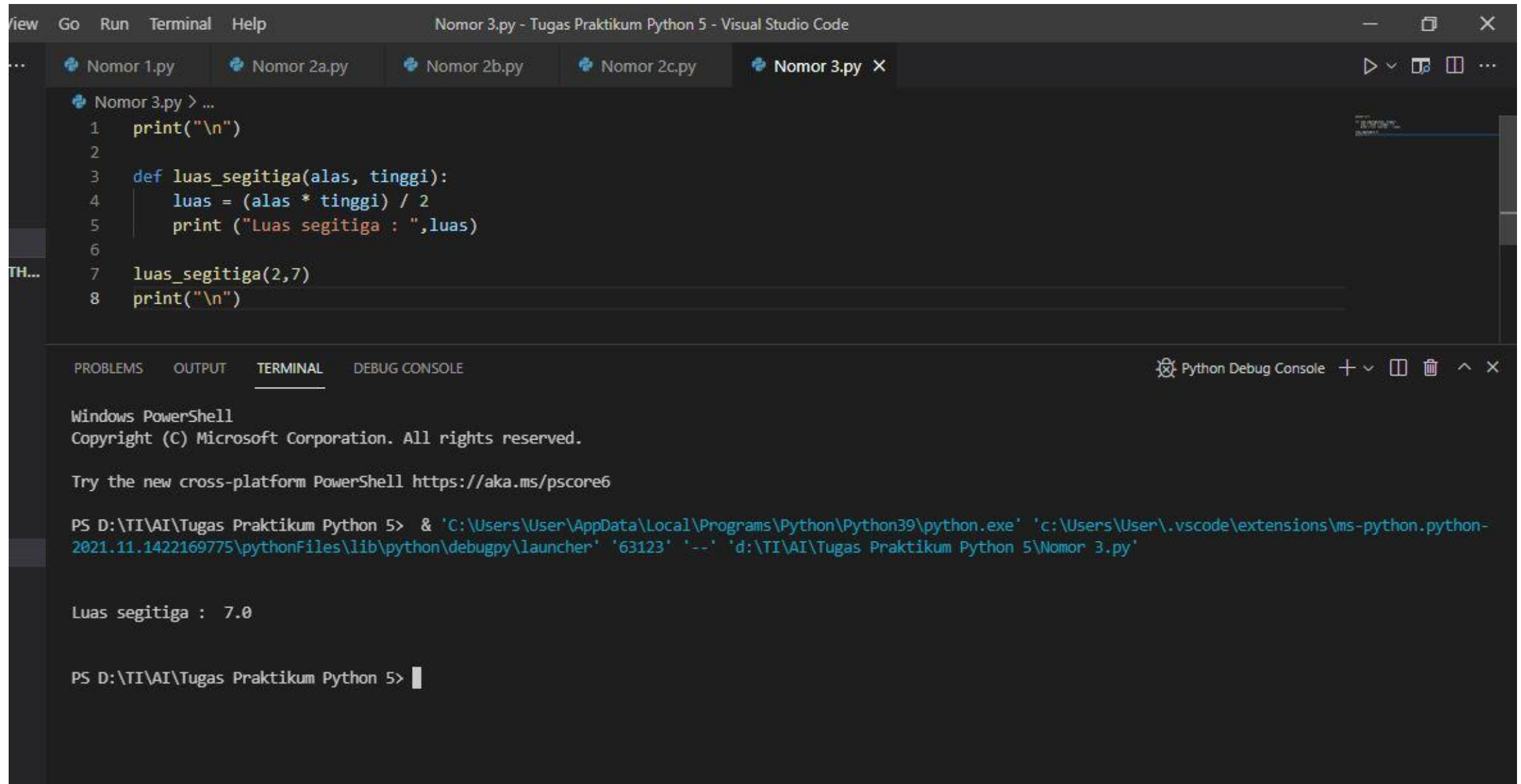
Try the new cross-platform PowerShell https://aka.ms/pscore6

PS D:\TI\AI\Tugas Praktikum Python 5> & 'C:\Users\User\AppData\Local\Programs\Python\Python39\python.exe' 'c:\Users\User\.vscode\extensions\ms-python.python-2021.11.1422169775\pythonFiles\lib\python\debugpy\launcher' '61518' '--' 'd:\TI\AI\Tugas Praktikum Python 5\Nomor 2c.py'

Luas Lingkaran
Phi      : 3.14
Jari Jari : 7
Luas Lingkaran : 153.86

PS D:\TI\AI\Tugas Praktikum Python 5> |
```

Nomor 3



The image shows a Visual Studio Code window with a Python file named 'Nomor 3.py' open. The code defines a function 'luas_segitiga' that calculates the area of a triangle and prints the result. The terminal shows the command to run the script, which outputs 'Luas segitiga : 7.0'.

```
View Go Run Terminal Help Nomor 3.py - Tugas Praktikum Python 5 - Visual Studio Code
```

Nomor 3.py > ...

```
1 print("\n")
2
3 def luas_segitiga(alas, tinggi):
4     luas = (alas * tinggi) / 2
5     print ("Luas segitiga : ",luas)
6
7 luas_segitiga(2,7)
8 print("\n")
```

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE Python Debug Console

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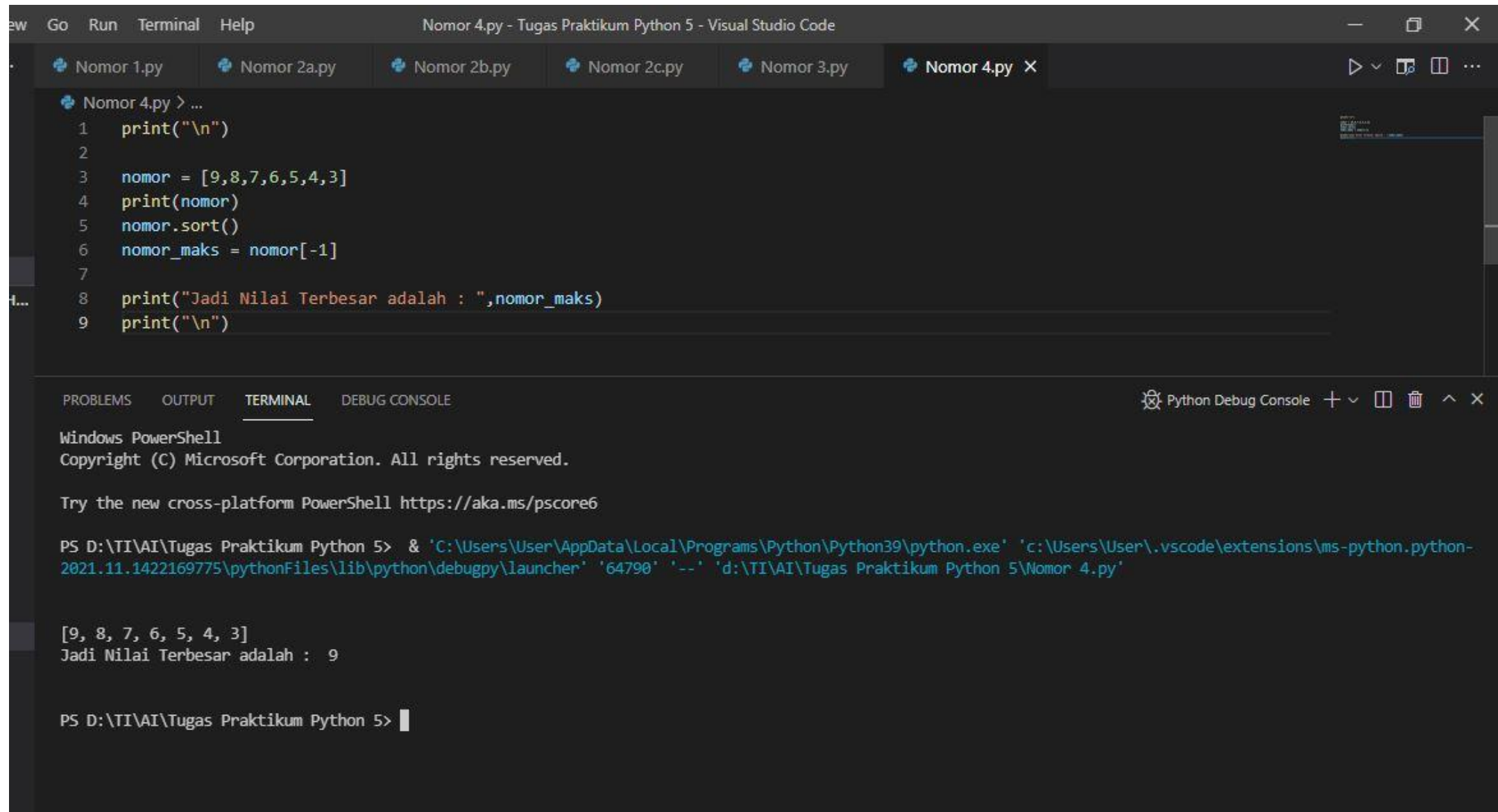
Try the new cross-platform PowerShell <https://aka.ms/pscore6>

PS D:\TI\AI\Tugas Praktikum Python 5> & 'C:\Users\User\AppData\Local\Programs\Python\Python39\python.exe' 'c:\Users\User\.vscode\extensions\ms-python.python-2021.11.1422169775\pythonFiles\lib\python\debugpy\launcher' '63123' '--' 'd:\TI\AI\Tugas Praktikum Python 5\Nomor 3.py'

Luas segitiga : 7.0

PS D:\TI\AI\Tugas Praktikum Python 5>

Nomor 4



The image shows a Visual Studio Code window with a Python file named 'Nomor 4.py' open. The file contains a script to find the maximum value in a list. The terminal at the bottom shows the command to run the script and its output.

```
File Edit View Go Run Terminal Help
Nomor 4.py - Tugas Praktikum Python 5 - Visual Studio Code

Nomor 1.py Nomor 2a.py Nomor 2b.py Nomor 2c.py Nomor 3.py Nomor 4.py X
Nomor 4.py > ...
1 print("\n")
2
3 nomor = [9,8,7,6,5,4,3]
4 print(nomor)
5 nomor.sort()
6 nomor_maks = nomor[-1]
7
8 print("Jadi Nilai Terbesar adalah : ",nomor_maks)
9 print("\n")

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

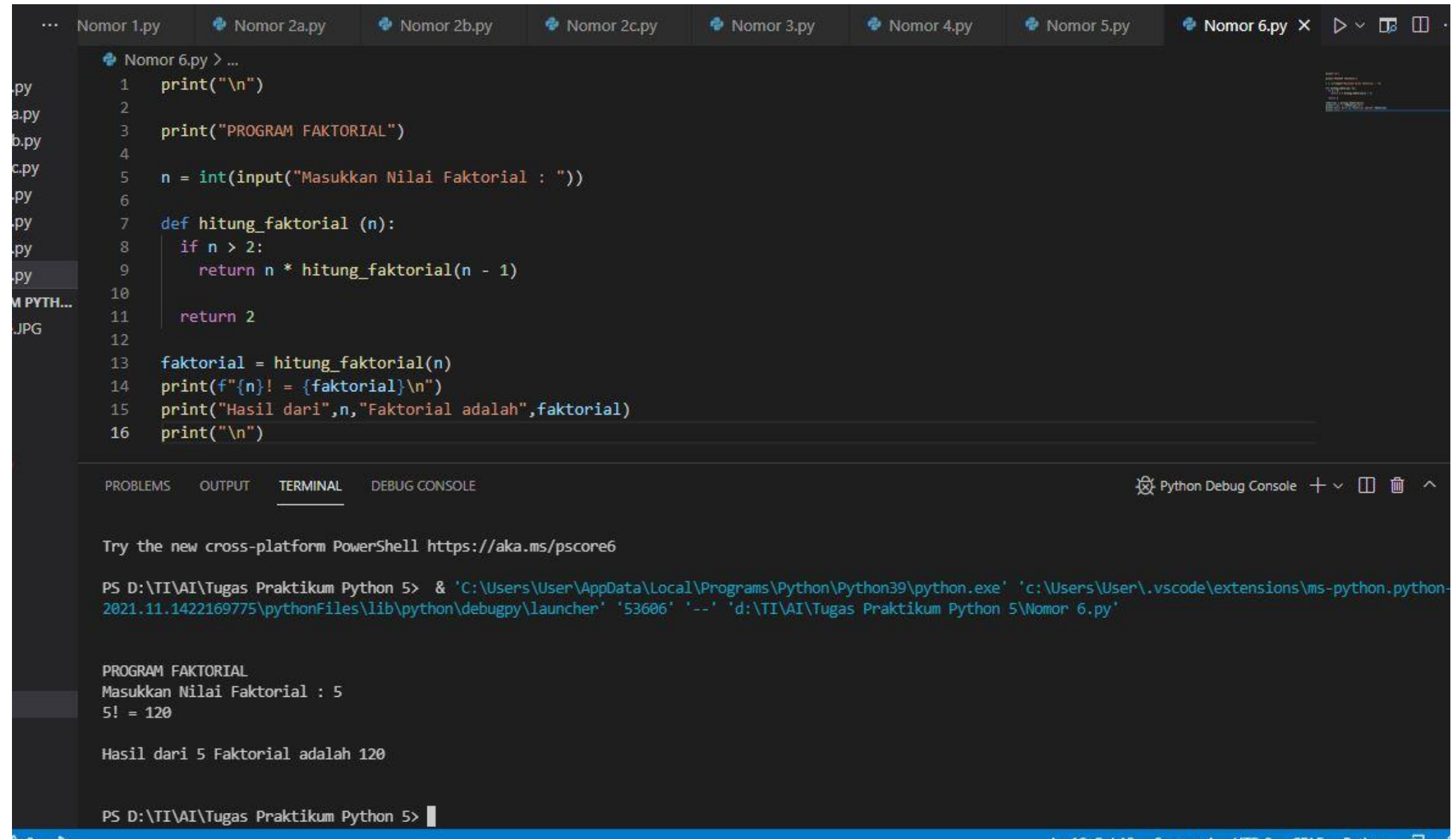
PS D:\TI\AI\Tugas Praktikum Python 5> & 'C:\Users\User\AppData\Local\Programs\Python\Python39\python.exe' 'c:\Users\User\.vscode\extensions\ms-python.python-2021.11.1422169775\pythonFiles\lib\python\debugpy\launcher' '64790' '--' 'd:\TI\AI\Tugas Praktikum Python 5\Nomor 4.py'

[9, 8, 7, 6, 5, 4, 3]
Jadi Nilai Terbesar adalah : 9

PS D:\TI\AI\Tugas Praktikum Python 5> |
```

Nomor 5

Nomor 6



The image shows a Visual Studio Code editor window with a Python file named 'Nomor 6.py' open. The code is a recursive function to calculate factorials. The terminal at the bottom shows the execution of the script, where the user inputs '5' and the program outputs '5! = 120' and 'Hasil dari 5 Faktorial adalah 120'.

```
Nomor 6.py > ...
1  print("\n")
2
3  print("PROGRAM FAKTORIAL")
4
5  n = int(input("Masukkan Nilai Faktorial : "))
6
7  def hitung_faktorial (n):
8      if n > 2:
9          return n * hitung_faktorial(n - 1)
10
11     return 2
12
13 faktorial = hitung_faktorial(n)
14 print(f"{n}! = {faktorial}\n")
15 print("Hasil dari",n,"Faktorial adalah",faktorial)
16 print("\n")
```

PROBLEMS OUTPUT **TERMINAL** DEBUG CONSOLE Python Debug Console + ▾ □ ☒ ^

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


PS D:\TI\AI\Tugas Praktikum Python 5> & 'C:\Users\User\AppData\Local\Programs\Python\Python39\python.exe' 'c:\Users\User\.vscode\extensions\ms-python.python-2021.11.1422169775\pythonFiles\lib\python\debugpy\launcher' '53606' '--' 'd:\TI\AI\Tugas Praktikum Python 5\Nomor 6.py'

PROGRAM FAKTORIAL
Masukkan Nilai Faktorial : 5
5! = 120

Hasil dari 5 Faktorial adalah 120

PS D:\TI\AI\Tugas Praktikum Python 5> |

Nomor 7



The screenshot shows the Visual Studio Code interface. The top bar includes 'File', 'Edit', 'View', 'Go', 'Run', 'Terminal', and 'Help'. The Explorer sidebar on the left shows a file named 'Nomor 7.py'. The main editor area displays the following Python code:

```
1 print("\n")
2
3 bil1 = input("Masukkan bilangan pertama : ")
4 bil2 = input("Masukkan bilangan kedua : ")
5
6 jumlah = float(bil1) + float(bil2)
7
8 print('Jumlah {0} + {1} adalah {2}'.format(bil1, bil2, jumlah))
9 print("\n")
```

Below the editor, the 'TERMINAL' tab is active, showing the output of the script:

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

PS D:\TI\AI\Tugas Praktikum Python 5> & 'C:\Users\User\AppData\Local\Programs\Python\Python39\python.exe' 'c:\Users\User\.vscode\extensions\ms-python.python-2021.11.1422169775\pythonFiles\lib\python\debugpy\launcher' '57444' '--' 'd:\TI\AI\Tugas Praktikum Python 5\Nomor 7.py'

Masukkan bilangan pertama : 27
Masukkan bilangan kedua : 46
Jumlah 27 + 46 adalah 73.0

PS D:\TI\AI\Tugas Praktikum Python 5> |
```

Nomor 8