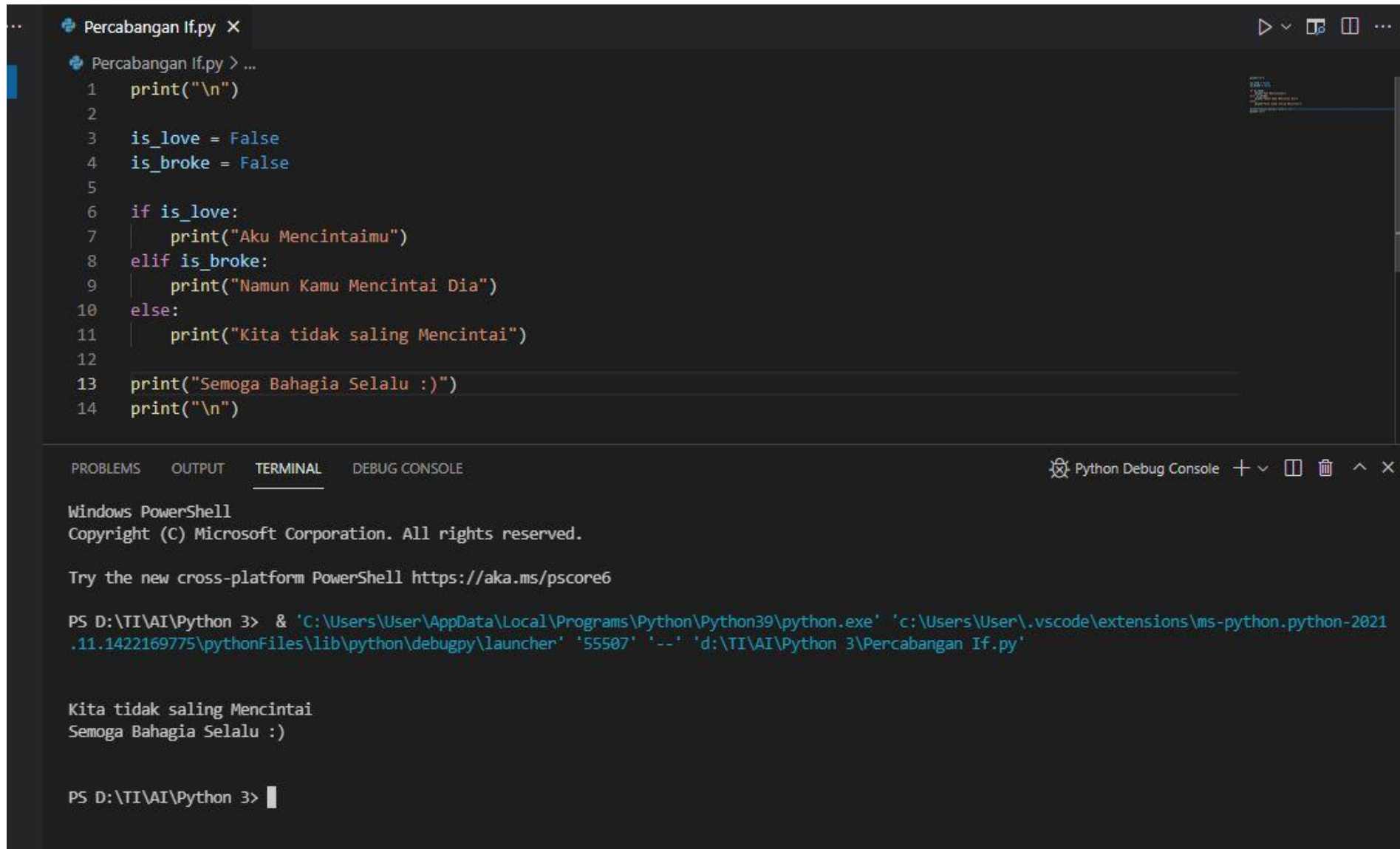


Percabangan If



```
1 print("\n")
2
3 is_love = False
4 is_broke = False
5
6 if is_love:
7     print("Aku Mencintaimu")
8 elif is_broke:
9     print("Namun Kamu Mencintai Dia")
10 else:
11     print("Kita tidak saling Mencintai")
12
13 print("Semoga Bahagia Selalu :)")
14 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\Python 3> & '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' '55507' '--' 'd:\TI\AI\Python 3\Percabangan If.py'

Kita tidak saling Mencintai
Semoga Bahagia Selalu :)

PS D:\TI\AI\Python 3>

Operator Perbandingan

The image shows a Python IDE with two windows. The left window, titled 'Operator Perbandingan.py', contains the following code:

```
1 print("\n")
2
3 benar = float(input("Jawaban Benar = "))
4
5 if benar == 10:
6     print("Selamat Kamu mendapat Nilai Sempurna")
7 elif benar >= 6.5:
8     print("Nilai kamu diatas KKM")
9 elif benar >= 6.5:
10    print("Nilai Kamu dibawah KKM. Belajar Lebih Giat Lagi!!!")
11
12 print("\n")
13
```

The right window, also titled 'Operator Perbandingan.py', shows the same code but with the following changes:

```
1 print("\n")
2
3 result = 10 != 10
4 print(result)
5
6 print("\n")
7
```

Below the code, the 'TERMINAL' tab is active, displaying the output of the program. The output is as follows:

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

PS D:\TI\AI\Python 3> & 'C:\Users\User\AppData\Local\Programs\Python\Python39\python.exe' 'c:\Users\User\AppData\Local\Programs\Python\Python39\pythonFiles\lib\python\debugpy\launcher' '55167' '--' 'd:\TI\AI\Python 3\Operator Perbandingan.py'

Jawaban Benar = 9
Nilai kamu diatas KKM

PS D:\TI\AI\Python 3>
```

The right window's terminal shows the output of the modified code:

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

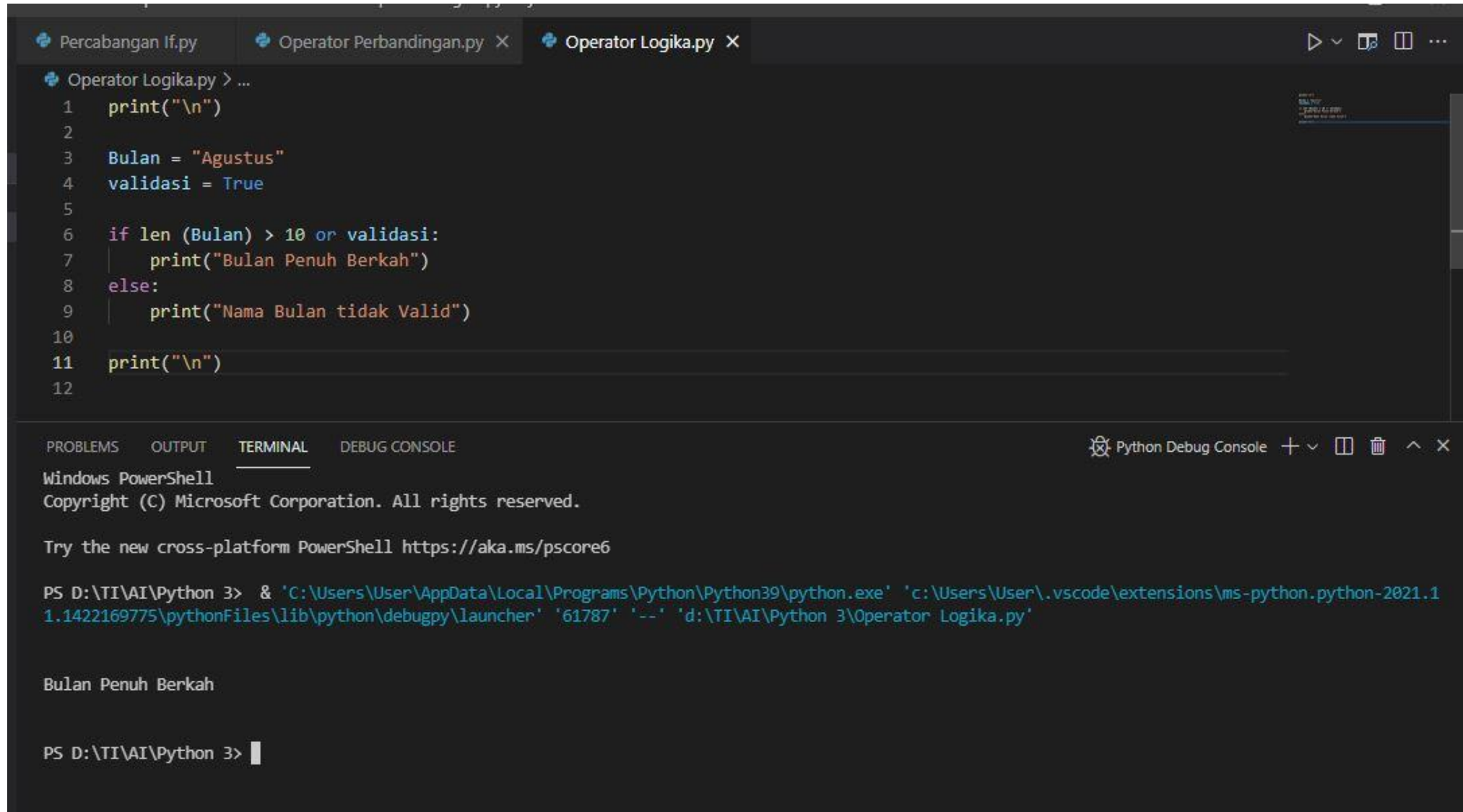
Try the new cross-platform PowerShell https://aka.ms/pscore6

PS D:\TI\AI\Python 3> & 'C:\Users\User\AppData\Local\Programs\Python\Python39\python.exe' 'c:\Users\User\AppData\Local\Programs\Python\Python39\pythonFiles\lib\python\debugpy\launcher' '6247' '--' 'd:\TI\AI\Python 3\Operator Perbandingan.py'

False

PS D:\TI\AI\Python 3>
```

Operator Logika



The image shows a Visual Studio Code editor window with three tabs: 'Percabangan If.py', 'Operator Perbandingan.py', and 'Operator Logika.py'. The 'Operator Logika.py' tab is active, displaying a Python script. Below the editor is a terminal window titled 'Python Debug Console'.

```
Operator Logika.py > ...
1  print("\n")
2
3  Bulan = "Agustus"
4  validasi = True
5
6  if len (Bulan) > 10 or validasi:
7      print("Bulan Penuh Berkah")
8  else:
9      print("Nama Bulan tidak Valid")
10
11 print("\n")
12
```

PROBLEMS OUTPUT **TERMINAL** DEBUG CONSOLE Python Debug Console

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

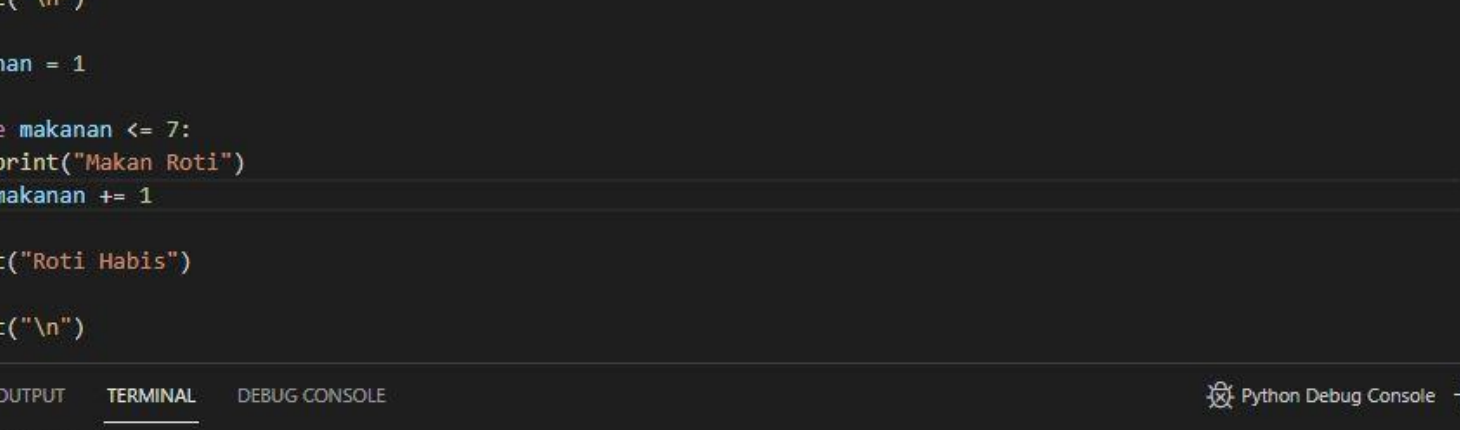
Try the new cross-platform PowerShell <https://aka.ms/pscore6>

PS D:\TI\AI\Python 3> & 'C:\Users\User\AppData\Local\Programs\Python\Python39\python.exe' 'c:\Users\User\.vscode\extensions\ms-python.python-2021.1.1422169775\pythonFiles\lib\python\debugpy\launcher' '61787' '--' 'd:\TI\AI\Python 3\Operator Logika.py'

Bulan Penuh Berkah

PS D:\TI\AI\Python 3>

Perulangan While

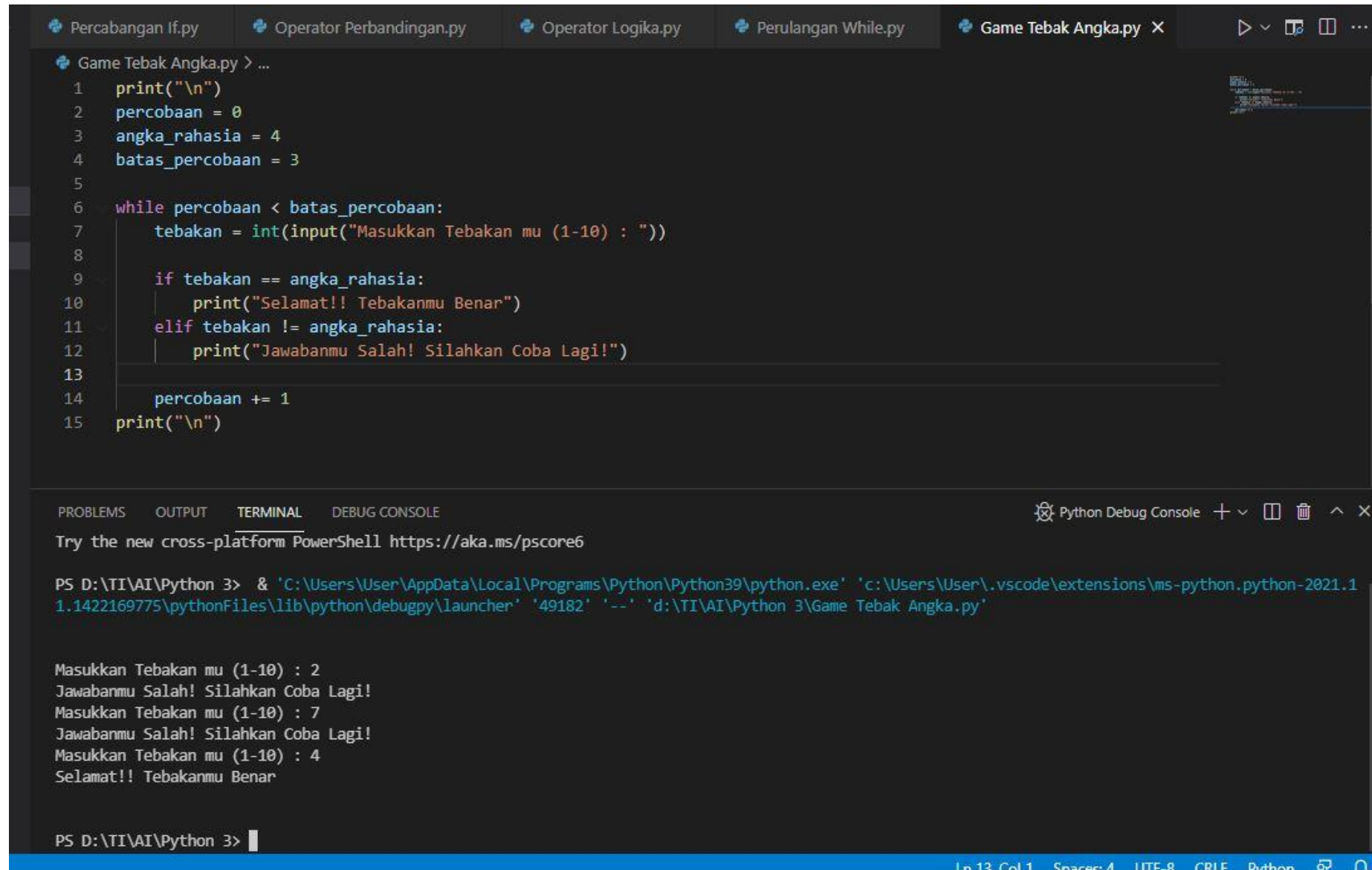


The screenshot shows a VS Code editor with a Python file named 'Perulangan While.py'. The code is as follows:

```
1 print("\n")
2
3 makanan = 1
4
5 while makanan <= 7:
6     print("Makan Roti")
7     makanan += 1
8
9 print("Roti Habis")
10
11 print("\n")
```

The terminal output shows the execution of the script, which prints 'Makan Roti' seven times and 'Roti Habis' once. The command prompt shows the script being executed using the Python 3.9 interpreter.

Game Tebak Angka



The image shows a Visual Studio Code editor window with a Python file named 'Game Tebak Angka.py' open. The code is a simple number guessing game. Below the editor, the terminal window shows the command used to run the script and the resulting output, which includes three failed attempts and a final successful guess.

```
Game Tebak Angka.py > ...
1  print("\n")
2  percobaan = 0
3  angka_rahasia = 4
4  batas_percobaan = 3
5
6  while percobaan < batas_percobaan:
7      tebakan = int(input("Masukkan Tebakan mu (1-10) : "))
8
9      if tebakan == angka_rahasia:
10         print("Selamat!! Tebakanmu Benar")
11     elif tebakan != angka_rahasia:
12         print("Jawabanmu Salah! Silahkan Coba Lagi!")
13
14     percobaan += 1
15 print("\n")
```

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

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

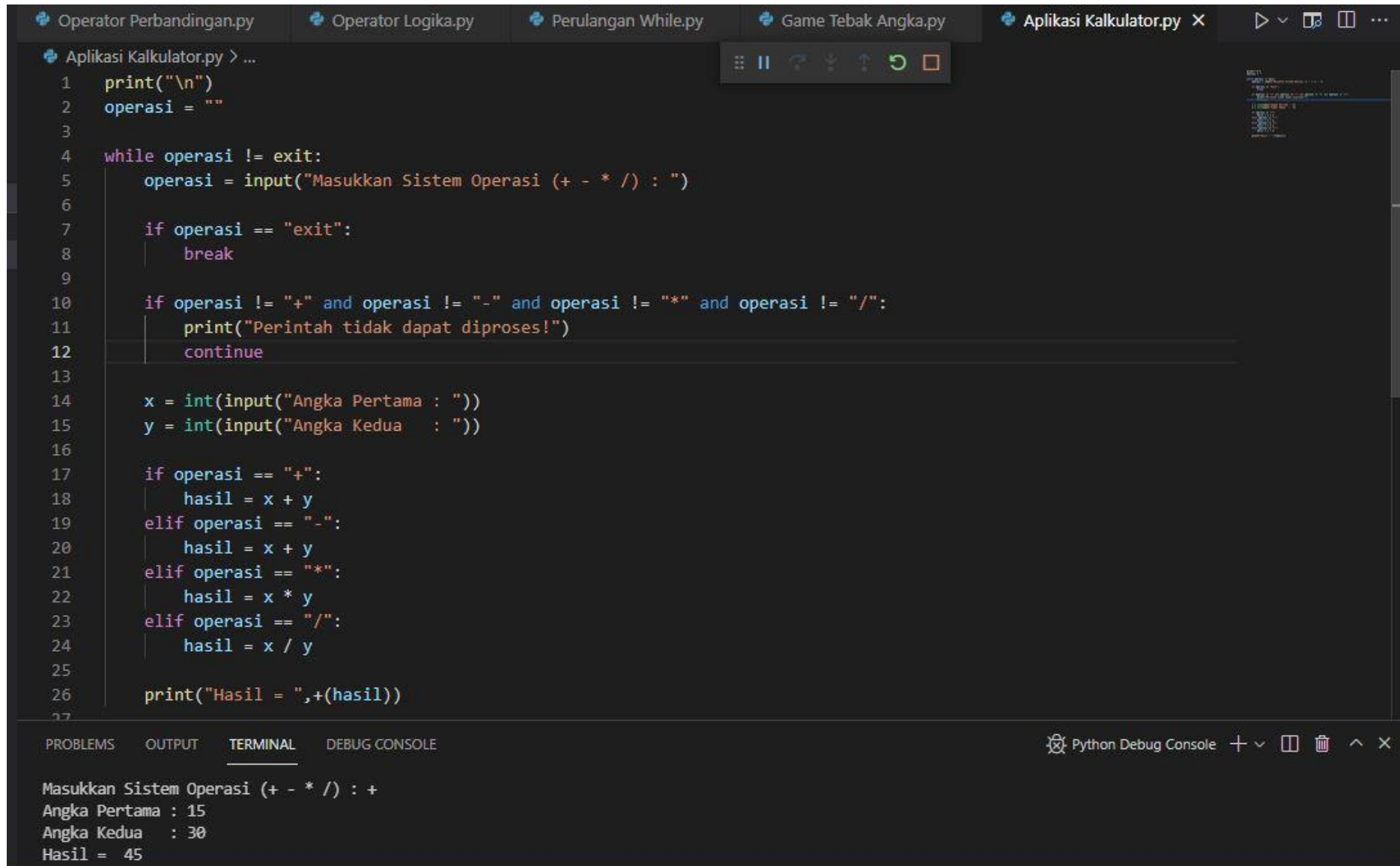
```
PS D:\TI\AI\Python 3> & 'C:\Users\User\AppData\Local\Programs\Python\Python39\python.exe' 'c:\Users\User\.vscode\extensions\ms-python.python-2021.1.1422169775\pythonFiles\lib\python\debugpy\launcher' '49182' '--' 'd:\TI\AI\Python 3\Game Tebak Angka.py'
```

Masukkan Tebakan mu (1-10) : 2
Jawabanmu Salah! Silahkan Coba Lagi!
Masukkan Tebakan mu (1-10) : 7
Jawabanmu Salah! Silahkan Coba Lagi!
Masukkan Tebakan mu (1-10) : 4
Selamat!! Tebakanmu Benar

PS D:\TI\AI\Python 3> |

Ln 13, Col 1 Spaces: 4 UTF-8 CRLF Python [] [x]

Aplikasi Kalkulator



```
Operator Perbandingan.py Operator Logika.py Perulangan While.py Game Tebak Angka.py Aplikasi Kalkulator.py X
Aplikasi Kalkulator.py > ...
1 print("\n")
2 operasi = ""
3
4 while operasi != exit:
5     operasi = input("Masukkan Sistem Operasi (+ - * /) : ")
6
7     if operasi == "exit":
8         break
9
10    if operasi != "+" and operasi != "-" and operasi != "*" and operasi != "/":
11        print("Perintah tidak dapat diproses!")
12        continue
13
14    x = int(input("Angka Pertama : "))
15    y = int(input("Angka Kedua : "))
16
17    if operasi == "+":
18        hasil = x + y
19    elif operasi == "-":
20        hasil = x - y
21    elif operasi == "*":
22        hasil = x * y
23    elif operasi == "/":
24        hasil = x / y
25
26    print("Hasil = ",+(hasil))
27
```

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

Masukkan Sistem Operasi (+ - * /) : +
Angka Pertama : 15
Angka Kedua : 30
Hasil = 45