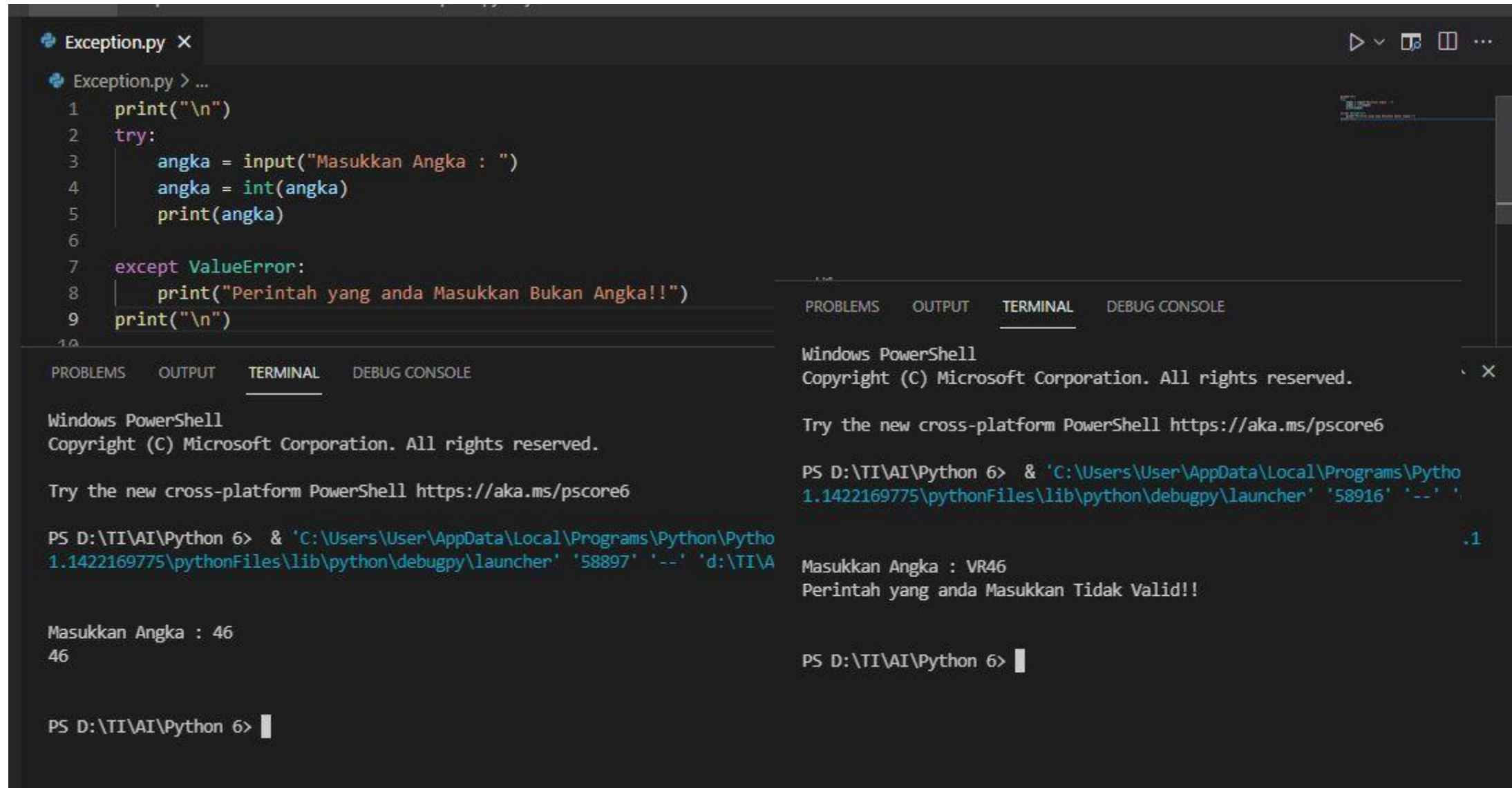


## Exception



The image shows a code editor window with a file named 'Exception.py'. The code is a Python script that prompts the user to enter a number. It uses a try-except block to handle a 'ValueError' if the input is not a valid integer. The terminal output shows two runs: one with the input '46' which works, and another with the input 'VR46' which triggers the exception message 'Perintah yang anda Masukkan Tidak Valid!!'.

```
Exception.py X
Exception.py > ...
1 print("\n")
2 try:
3     angka = input("Masukkan Angka : ")
4     angka = int(angka)
5     print(angka)
6
7 except ValueError:
8     print("Perintah yang anda Masukkan Bukan Angka!!")
9 print("\n")
10
```

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\Python 6> & 'C:\Users\User\AppData\Local\Programs\Python\Python1.1422169775\pythonFiles\lib\python\debugpy\launcher' '58897' '--' 'd:\TI\A

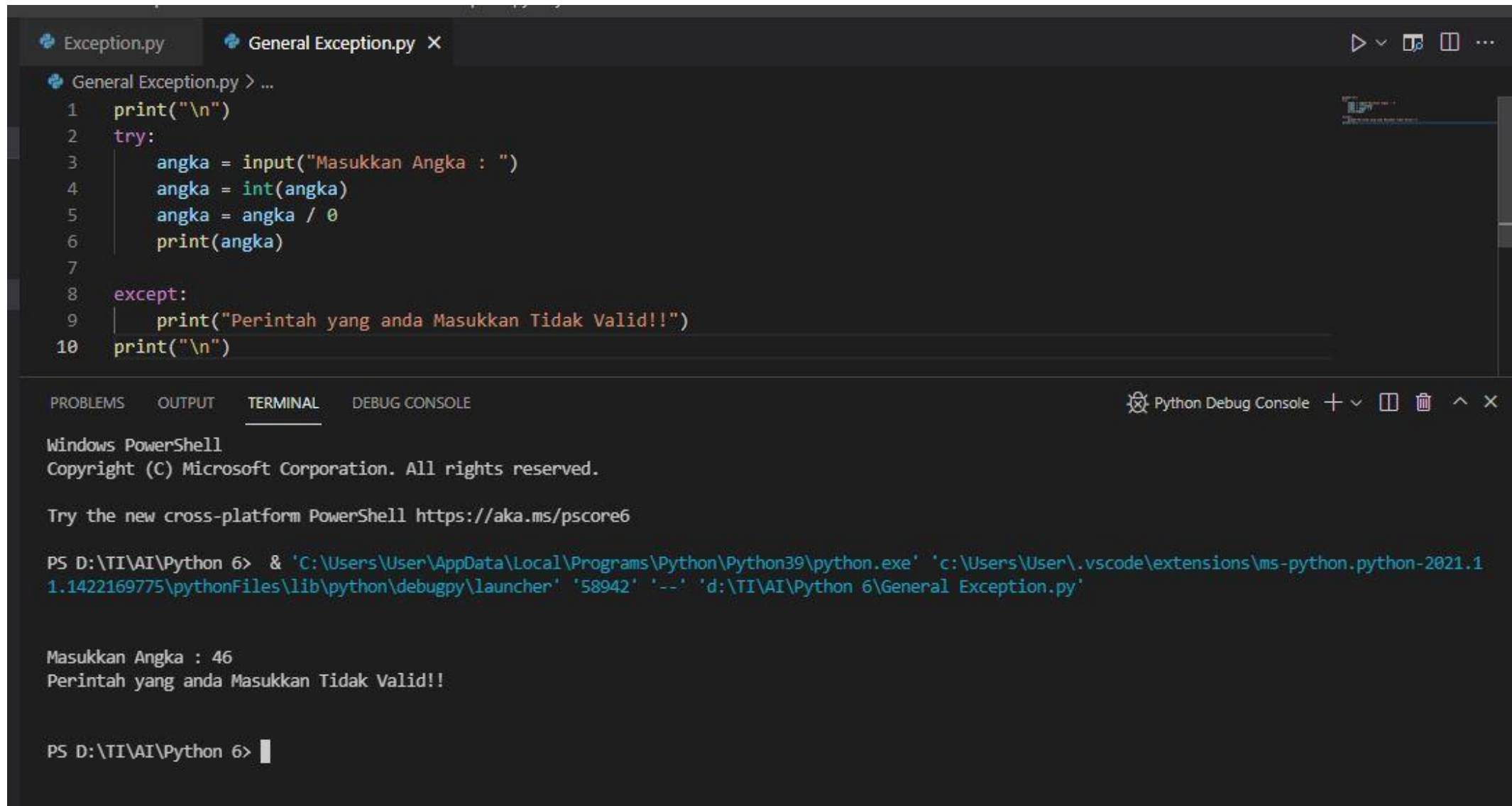
Masukkan Angka : 46  
46

PS D:\TI\AI\Python 6>

Masukkan Angka : VR46  
Perintah yang anda Masukkan Tidak Valid!!

PS D:\TI\AI\Python 6>

## General Exception



The image shows a Visual Studio Code editor window with two tabs: 'Exception.py' and 'General Exception.py'. The 'General Exception.py' tab is active, displaying a Python script. The script prompts the user to enter a number, attempts to convert it to an integer and divide it by zero, and catches the resulting ZeroDivisionError with a custom message. Below the editor, the 'TERMINAL' panel shows the command used to run the script and the output, which matches the script's behavior.

```
Exception.py  General Exception.py X
```

```
General Exception.py > ...
1  print("\n")
2  try:
3      angka = input("Masukkan Angka : ")
4      angka = int(angka)
5      angka = angka / 0
6      print(angka)
7
8  except:
9      print("Perintah yang anda Masukkan Tidak Valid!!")
10 print("\n")
```

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE

Python Debug Console + - [] [X] ^ X

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

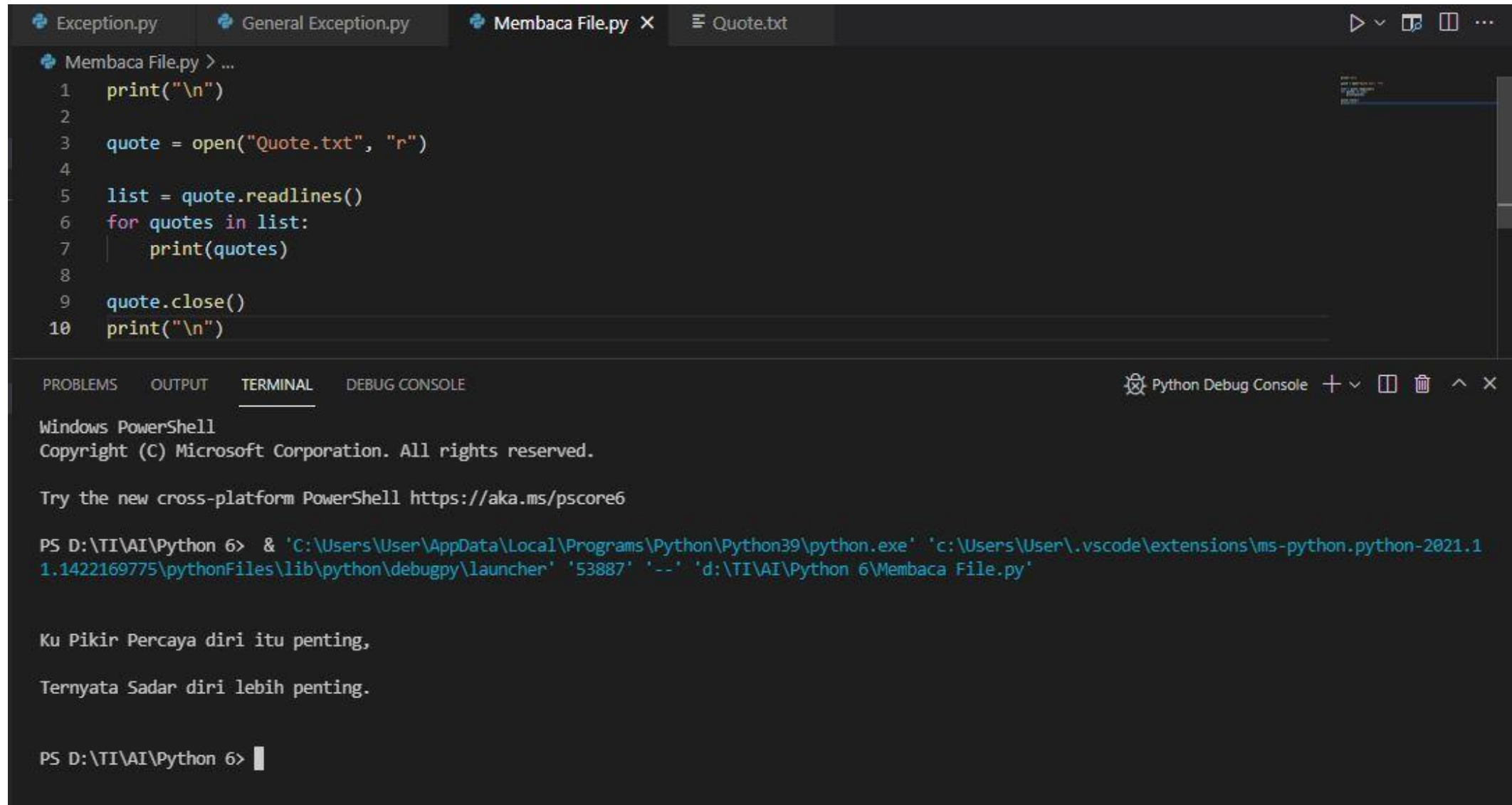
Try the new cross-platform PowerShell <https://aka.ms/powershell>

```
PS D:\TI\AI\Python 6> & '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' '58942' '--' 'd:\TI\AI\Python 6\General Exception.py'
```

Masukkan Angka : 46  
Perintah yang anda Masukkan Tidak Valid!!

```
PS D:\TI\AI\Python 6> 
```

## Membaca File



The image shows a Visual Studio Code editor window with the title bar 'Membaca File'. The editor has four tabs: 'Exception.py', 'General Exception.py', 'Membaca File.py' (active), and 'Quote.txt'. The 'Membaca File.py' tab contains the following Python code:

```
1 print("\n")
2
3 quote = open("Quote.txt", "r")
4
5 list = quote.readlines()
6 for quotes in list:
7     print(quotes)
8
9 quote.close()
10 print("\n")
```

Below the editor is the 'TERMINAL' panel, which shows the output of the Python script. The terminal text is as follows:

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

PS D:\TI\AI\Python 6> & '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' '53887' '--' 'd:\TI\AI\Python 6\Membaca File.py'

Ku Pikir Percaya diri itu penting,

Ternyata Sadar diri lebih penting.

PS D:\TI\AI\Python 6> |
```

## Menulis File

The screenshot shows the Visual Studio Code interface with the following components:

- EXPLORER:** Lists files in the workspace, including `Exception.py`, `General Exception.py`, `Membaca File.py`, `Menulis File.py` (selected), and `Quote.txt`.
- EDITOR:** Displays the content of `Menulis File.py`, which contains a Python script to write to `Quote2.txt`.

```
1 print("\n")
2
3 quote = open("Quote2.txt", "w")
4 quote.write("Jika Mencintaimu adalah Mimpi,")
5 quote.write("Aku tak ingin terbangun dari mimpi itu.")
6
7 quote.close()
```
- TERMINAL:** Shows the execution of the script in a Windows PowerShell window. The command executed is:

```
PS D:\TI\AI\Python 6> & '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' '64632' '--' 'd:\TI\AI\Python 6\Menulis File.py'
```

The output shows the script running successfully, and the prompt returns to `PS D:\TI\AI\Python 6>`.
- Quote2.txt:** A preview of the file created by the script, showing the following text:

```
1 Jika Mencintaimu adalah Mimpi,Aku tak ingin terbangun dari mimpi itu.
```
- Status Bar:** Indicates the current file is `Ln 7, Col 14`, using `UTF-8` encoding with `CRLF` line endings.



