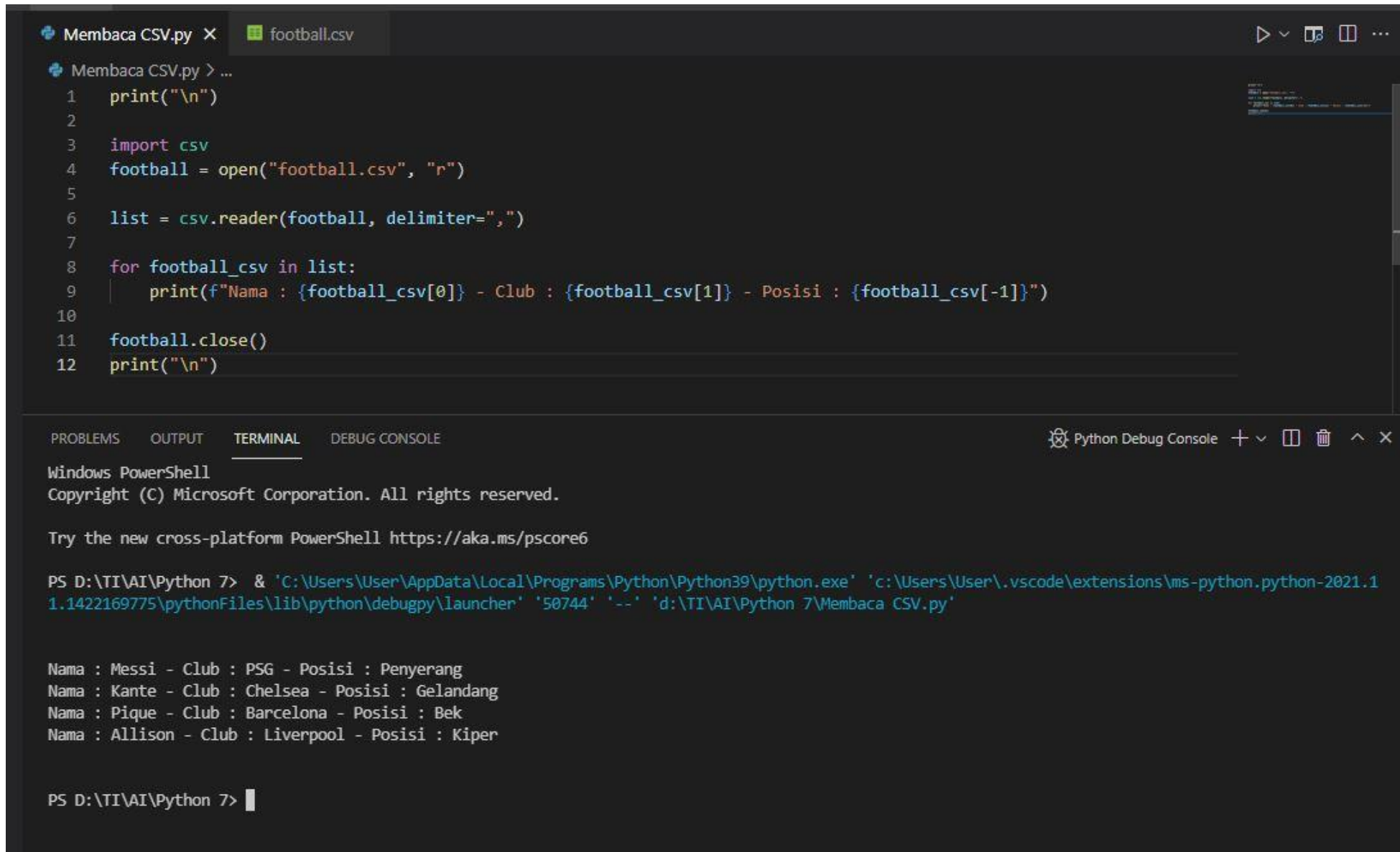


Membaca CSV



The image shows a Visual Studio Code editor with a Python file named 'Membaca CSV.py' and a CSV file named 'football.csv'. The Python script reads the CSV file and prints the contents. The terminal output shows the execution of the script, displaying the names, clubs, and positions of four players: Messi, Kante, Pique, and Allison.

```
Membaca CSV.py x football.csv
```

```
Membaca CSV.py > ...
1  print("\n")
2
3  import csv
4  football = open("football.csv", "r")
5
6  list = csv.reader(football, delimiter=",")
7
8  for football_csv in list:
9      print(f>Nama : {football_csv[0]} - Club : {football_csv[1]} - Posisi : {football_csv[-1]}")
10
11  football.close()
12  print("\n")
```

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

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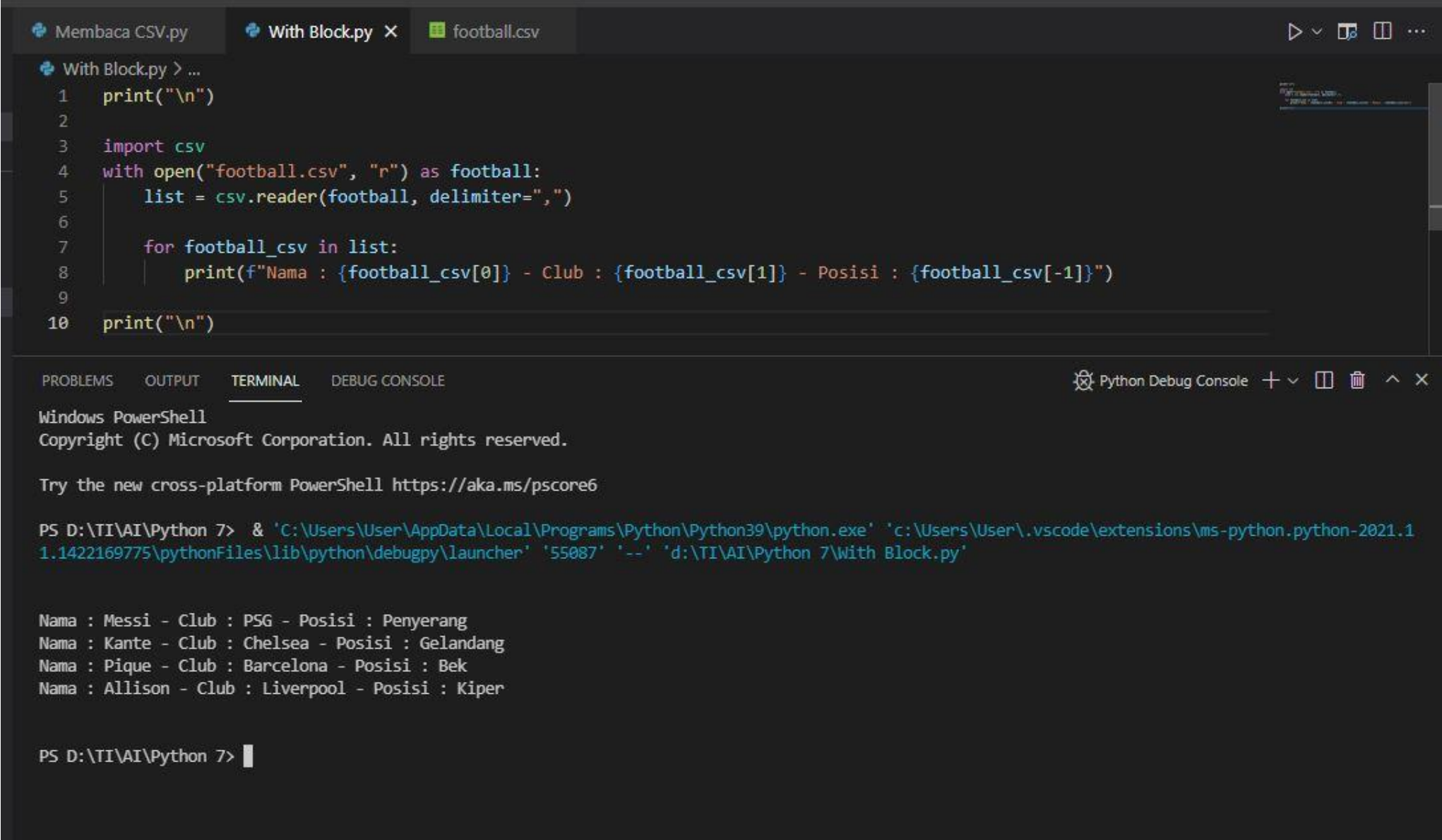
Try the new cross-platform PowerShell <https://aka.ms/pscore6>

```
PS D:\TI\AI\Python 7> & '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' '50744' '--' 'd:\TI\AI\Python 7\Membaca CSV.py'
```

```
Nama : Messi - Club : PSG - Posisi : Penyerang
Nama : Kante - Club : Chelsea - Posisi : Gelandang
Nama : Pique - Club : Barcelona - Posisi : Bek
Nama : Allison - Club : Liverpool - Posisi : Kiper
```

```
PS D:\TI\AI\Python 7> |
```

With Block



The image shows a VS Code editor window with three tabs: 'Membaca CSV.py', 'With Block.py' (active), and 'football.csv'. The 'With Block.py' tab contains a Python script that reads a CSV file and prints player information. The terminal at the bottom shows the command to run the script and its output, which lists four players: Messi, Kante, Pique, and Allison.

```
Membaca CSV.py With Block.py X football.csv
With Block.py > ...
1 print("\n")
2
3 import csv
4 with open("football.csv", "r") as football:
5     list = csv.reader(football, delimiter=",")
6
7     for football_csv in list:
8         print(f>Nama : {football_csv[0]} - Club : {football_csv[1]} - Posisi : {football_csv[-1]}")
9
10 print("\n")
```

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

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

PS D:\TI\AI\Python 7> & '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' '55087' '--' 'd:\TI\AI\Python 7\With Block.py'

Nama : Messi - Club : PSG - Posisi : Penyerang
Nama : Kante - Club : Chelsea - Posisi : Gelandang
Nama : Pique - Club : Barcelona - Posisi : Bek
Nama : Allison - Club : Liverpool - Posisi : Kiper

PS D:\TI\AI\Python 7> █

Module

```
Module.py > ...
1  print("\n")
2
3  import Kalkulator
4  from Kalkulator import multiply
5
6  hasil = Kalkulator.divide(20, 10)
7  print("Hasil Pembagian nya adalah : ",hasil)
8
9  hasil = multiply(5, 8)
10 print("Hasil Perkalian nya adalah : ",hasil)
11 print("\n")
```

PROBLEMS OUTPUT **TERMINAL** DEBUG CONSOLE

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

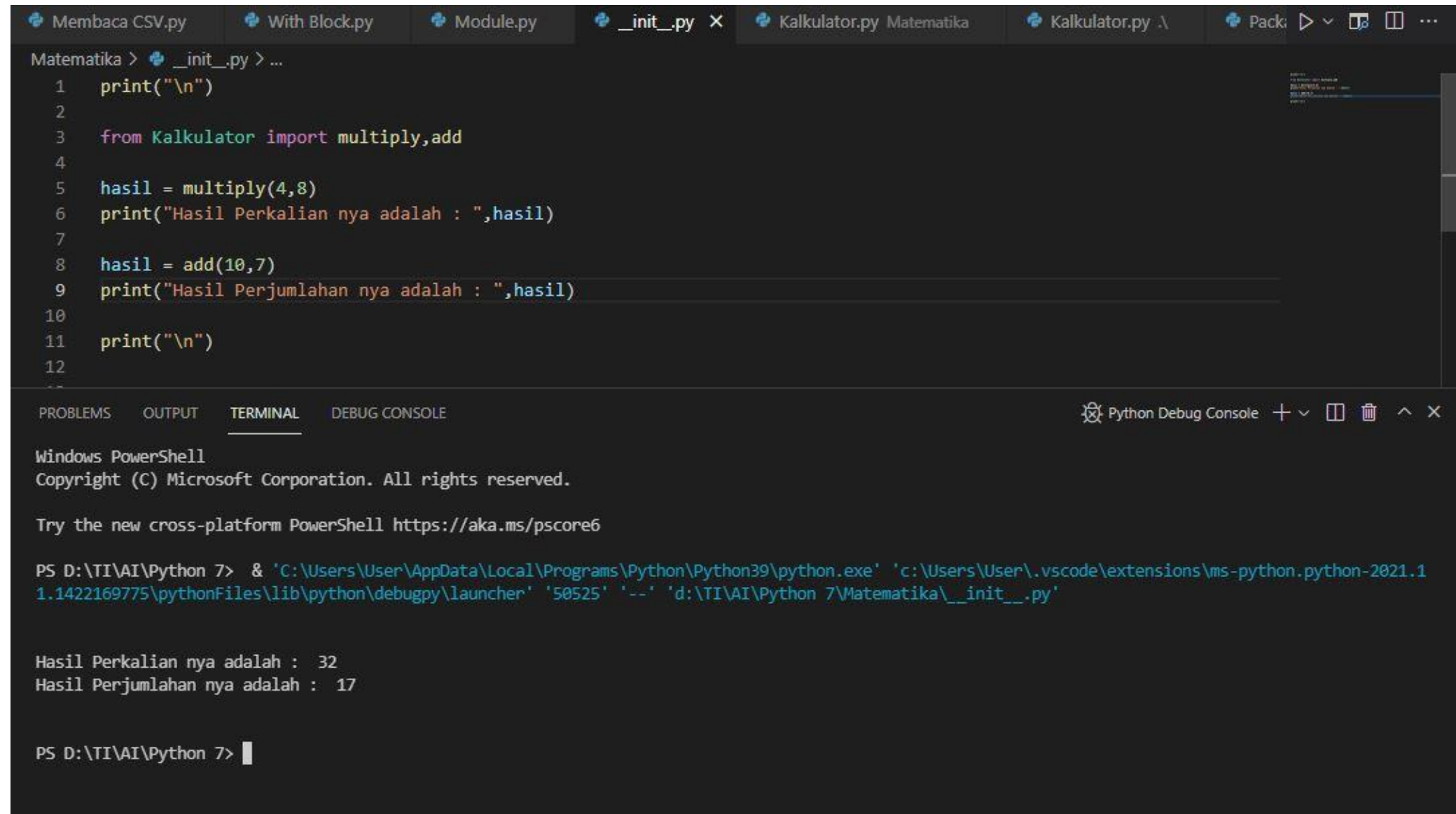
```
PS D:\TI\AI\Python 7> & 'C:\Users\User\AppData\Local\Programs\Python\Python39\python.
1.1422169775\pythonFiles\lib\python\debugpy\launcher' '61590' '--' 'd:\TI\AI\Python 7\
Hasil Pembagian nya adalah : 2.0
Hasil Perkalian nya adalah : 40
PS D:\TI\AI\Python 7> d:; cd 'd:\TI\AI\Python 7'; & 'C:\Users\User\AppData\Local\Prog
ions\ms-python.python-2021.11.1422169775\pythonFiles\lib\python\debugpy\launcher' '61590' '--' 'd:\TI\AI\Python 7\module.py'
```

Hasil Pembagian nya adalah : 2.0
Hasil Perkalian nya adalah : 40

PS D:\TI\AI\Python 7>

```
Kalkulator.py > divide
1  # fungsi penjumlahan
2  def add(x, y):
3      return x + y
4  # fungsi pengurangan
5  def subtract(x, y):
6      return x - y
7  # fungsi perkalian
8  def multiply(x, y):
9      return x * y
10 # fungsi pembagian
11 def divide(x, y):
12     return x / y
```

Package



The image shows a Visual Studio Code editor window with a Python file named `__init__.py` open. The file contains a script that imports functions from a package named `Kalkulator` and performs calculations. The terminal at the bottom shows the command used to run the script and the resulting output.

```
Matematika > _init_.py > ...
1  print("\n")
2
3  from Kalkulator import multiply,add
4
5  hasil = multiply(4,8)
6  print("Hasil Perkalian nya adalah : ",hasil)
7
8  hasil = add(10,7)
9  print("Hasil Perjumlahan nya adalah : ",hasil)
10
11 print("\n")
12
--
```

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

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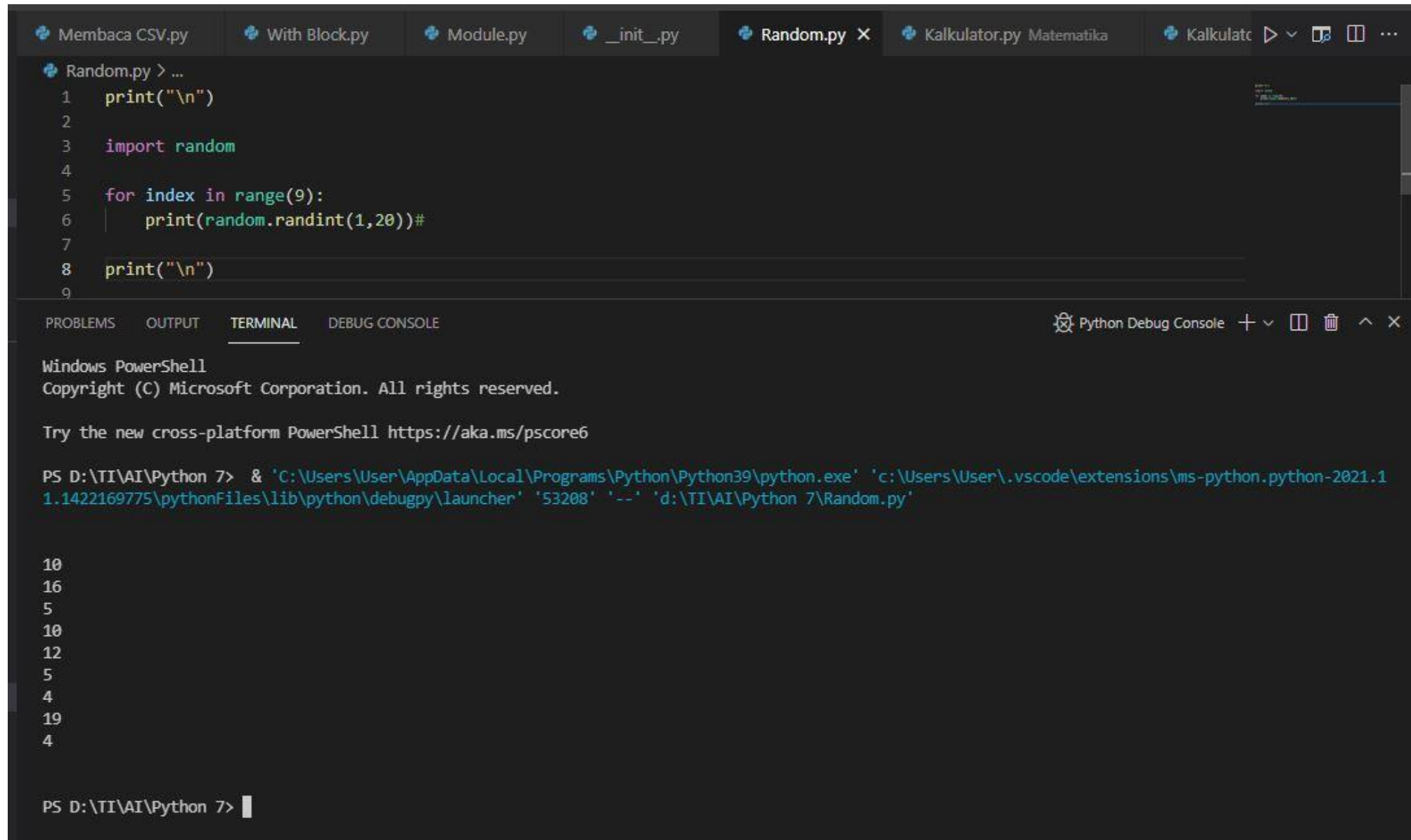
Try the new cross-platform PowerShell <https://aka.ms/pscore6>

PS D:\TI\AI\Python 7> & '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' '50525' '--' 'd:\TI\AI\Python 7\Matematika__init__.py'

Hasil Perkalian nya adalah : 32
Hasil Perjumlahan nya adalah : 17

PS D:\TI\AI\Python 7> █

Random



The image shows a Visual Studio Code editor window with a dark theme. The top panel displays several open files: 'Membaca CSV.py', 'With Block.py', 'Module.py', '__init__.py', 'Random.py' (which is the active file), 'Kalkulator.py Matematika', and 'Kalkulatc'. The 'Random.py' file contains the following Python code:

```
1 print("\n")
2
3 import random
4
5 for index in range(9):
6     print(random.randint(1,20))#
7
8 print("\n")
9
```

The bottom panel shows the 'TERMINAL' tab, which displays the output of running the script. The terminal text is as follows:

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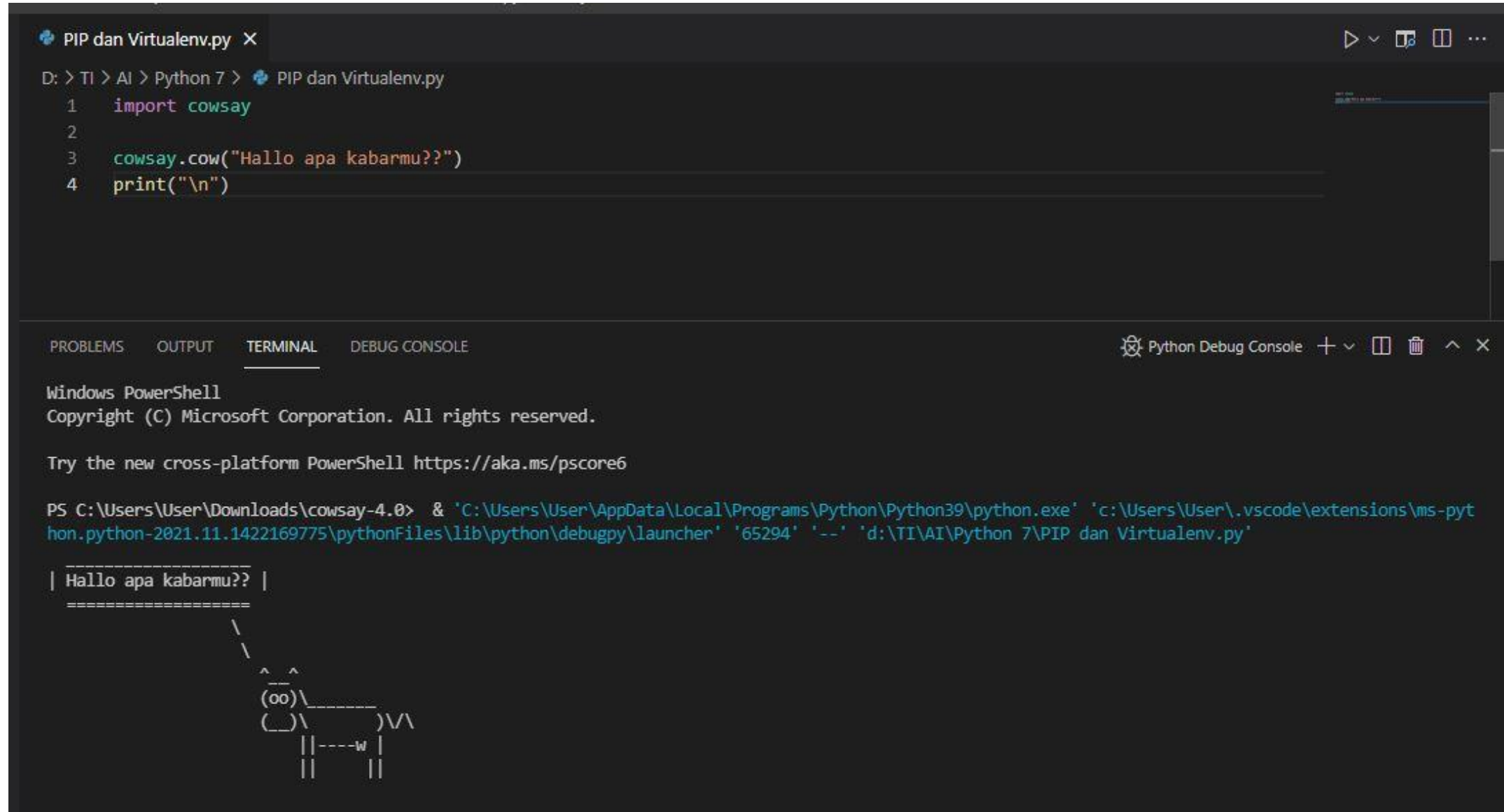
Try the new cross-platform PowerShell https://aka.ms/pscore6

PS D:\TI\AI\Python 7> & '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' '53208' '--' 'd:\TI\AI\Python 7\Random.py'

10
16
5
10
12
5
4
19
4

PS D:\TI\AI\Python 7> |
```

PIP dan Virtualenv



The image shows a Visual Studio Code editor window with a file named "PIP dan Virtualenv.py". The code in the file is as follows:

```
1 import cowsay
2
3 cowsay.cow("Hallo apa kabarmu??")
4 print("\n")
```

Below the editor, the "TERMINAL" tab is active, showing the execution of the script. The terminal output is:

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

PS C:\Users\User\Downloads\cowsay-4.0> & 'C:\Users\User\AppData\Local\Programs\Python\Python39\python.exe' 'c:\Users\User\.vscode\extensions\ms-pyt
hon.python-2021.11.1422169775\pythonFiles\lib\python\debugpy\launcher' '65294' '--' 'd:\TI\AI\Python 7\PIP dan Virtualenv.py'

| Hallo apa kabarmu?? |
=====
      \
       \
      ^ ^
    (oo)\_____.
    (__)\       )\/\
       ||----w |
       ||     ||
```