

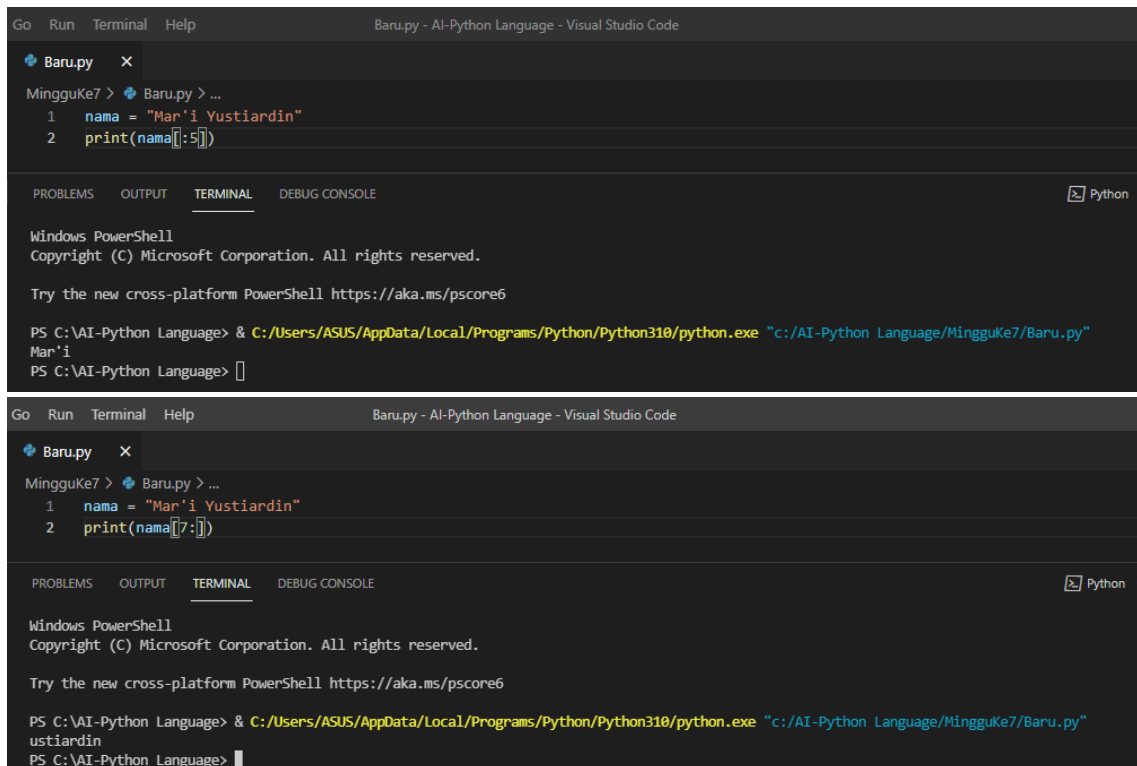
Nama : Mar'i Yustiardin

Kelas : AI-3B

NIM : 20.01.013.009

2-python-2

1. String



```
Go Run Terminal Help Baru.py - AI-Python Language - Visual Studio Code

Baru.py x
MingguKe7 > Baru.py > ...
1 nama = "Mar'i Yustiardin"
2 print(nama[:5])

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE Python

Windows PowerShell
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PS C:\AI-Python Language> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/python.exe "c:/AI-Python Language/MingguKe7/Baru.py"
Mar'i
PS C:\AI-Python Language>

Go Run Terminal Help Baru.py - AI-Python Language - Visual Studio Code

Baru.py x
MingguKe7 > Baru.py > ...
1 nama = "Mar'i Yustiardin"
2 print(nama[7:])

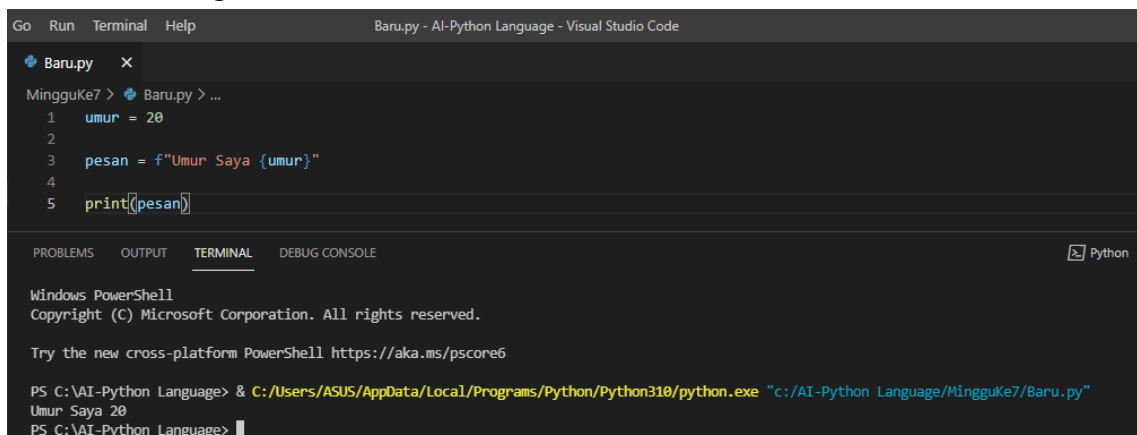
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PS C:\AI-Python Language> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/python.exe "c:/AI-Python Language/MingguKe7/Baru.py"
ustiardin
PS C:\AI-Python Language>
```

2. Formatted String



```
Go Run Terminal Help Baru.py - AI-Python Language - Visual Studio Code

Baru.py x
MingguKe7 > Baru.py > ...
1 umur = 20
2
3 pesan = f"Umur Saya {umur}"
4
5 print(pesan)

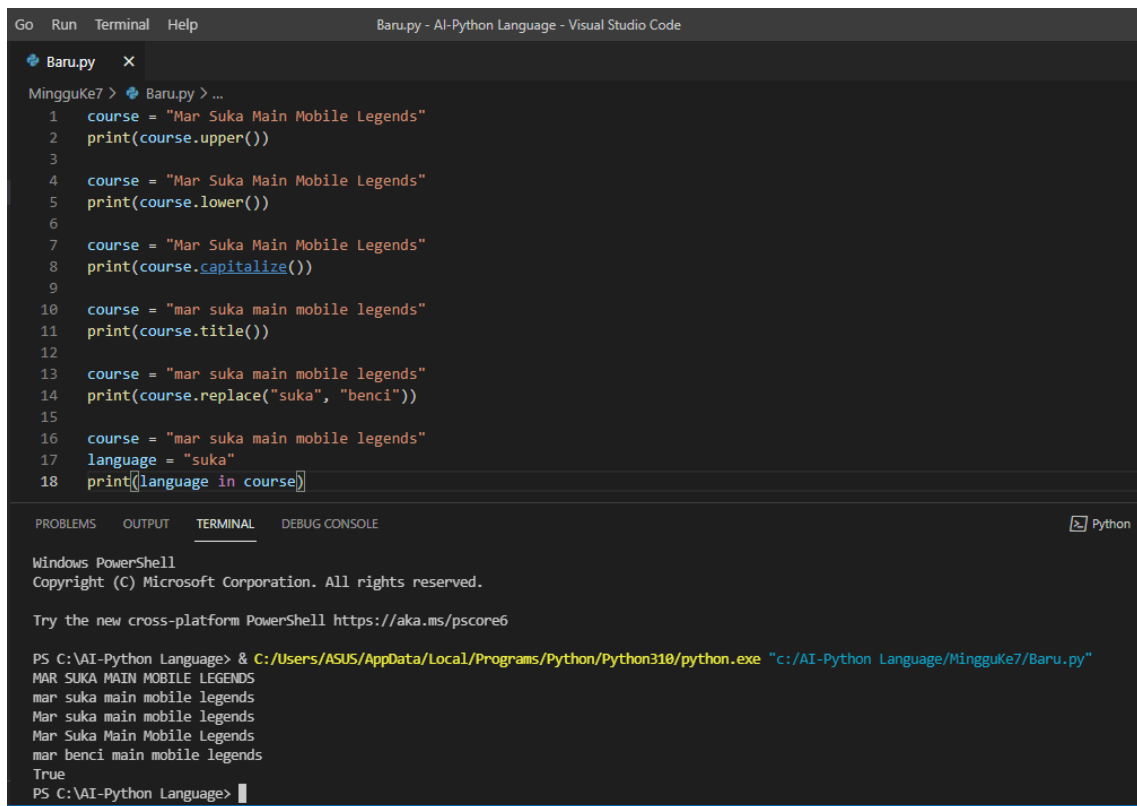
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PS C:\AI-Python Language> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/python.exe "c:/AI-Python Language/MingguKe7/Baru.py"
Umur Saya 20
PS C:\AI-Python Language>
```

3. String Method



The screenshot shows the Visual Studio Code editor with a file named `Baru.py` open. The editor displays a Python script that demonstrates various string methods. Below the editor, the `TERMINAL` tab is active, showing the output of the script when executed from a Windows PowerShell prompt.

```
Go Run Terminal Help Baru.py - AI-Python Language - Visual Studio Code

Baru.py x
MingguKe7 > Baru.py > ...
1 course = "Mar Suka Main Mobile Legends"
2 print(course.upper())
3
4 course = "Mar Suka Main Mobile Legends"
5 print(course.lower())
6
7 course = "Mar Suka Main Mobile Legends"
8 print(course.capitalize())
9
10 course = "mar suka main mobile legends"
11 print(course.title())
12
13 course = "mar suka main mobile legends"
14 print(course.replace("suka", "benci"))
15
16 course = "mar suka main mobile legends"
17 language = "suka"
18 print(language in course)
```

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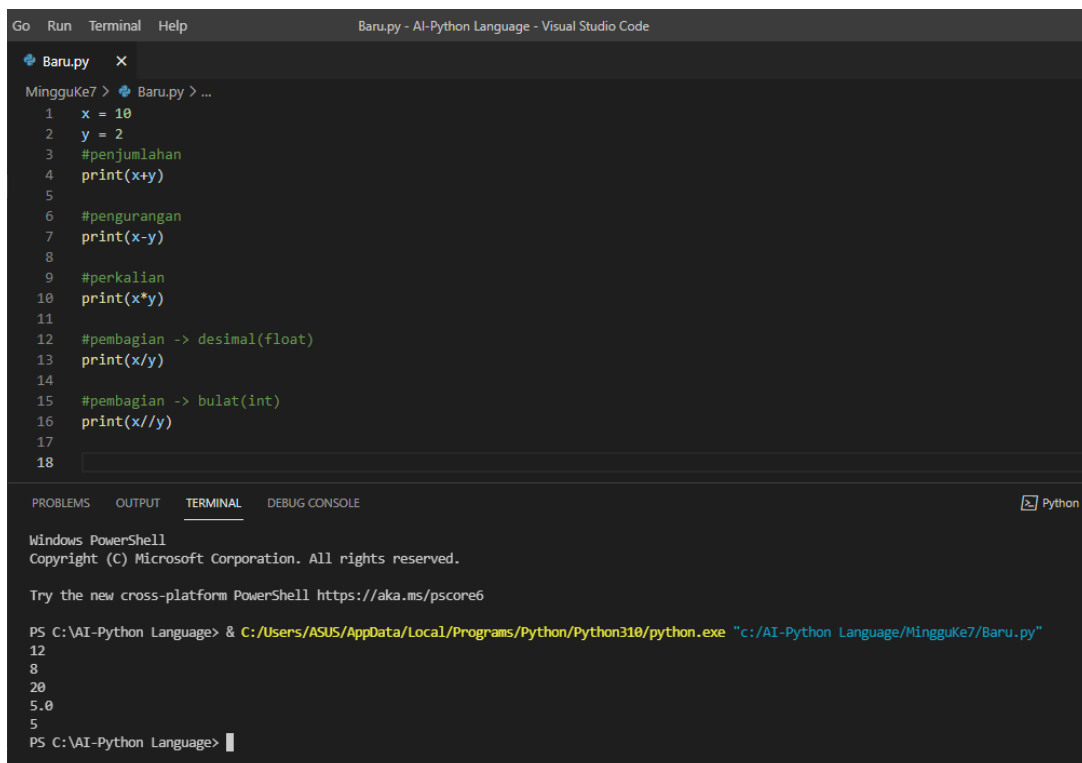
Windows PowerShell
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Try the new cross-platform PowerShell <https://aka.ms/pscore6>

PS C:\AI-Python Language> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/python.exe "c:/AI-Python Language/MingguKe7/Baru.py"

MAR SUKA MAIN MOBILE LEGENDS
mar suka main mobile legends
Mar suka main mobile legends
Mar Suka Main Mobile Legends
mar benci main mobile legends
True
PS C:\AI-Python Language>

4. Matematika



The screenshot shows the Visual Studio Code editor with a file named `Baru.py` open. The editor displays a Python script that demonstrates basic arithmetic operations. Below the editor, the `TERMINAL` tab is active, showing the output of the script when executed from a Windows PowerShell prompt.

```
Go Run Terminal Help Baru.py - AI-Python Language - Visual Studio Code

Baru.py x
MingguKe7 > Baru.py > ...
1 x = 10
2 y = 2
3 #penjumlahan
4 print(x+y)
5
6 #pengurangan
7 print(x-y)
8
9 #perkalian
10 print(x*y)
11
12 #pembagian -> desimal(float)
13 print(x/y)
14
15 #pembagian -> bulat(int)
16 print(x//y)
17
18
```

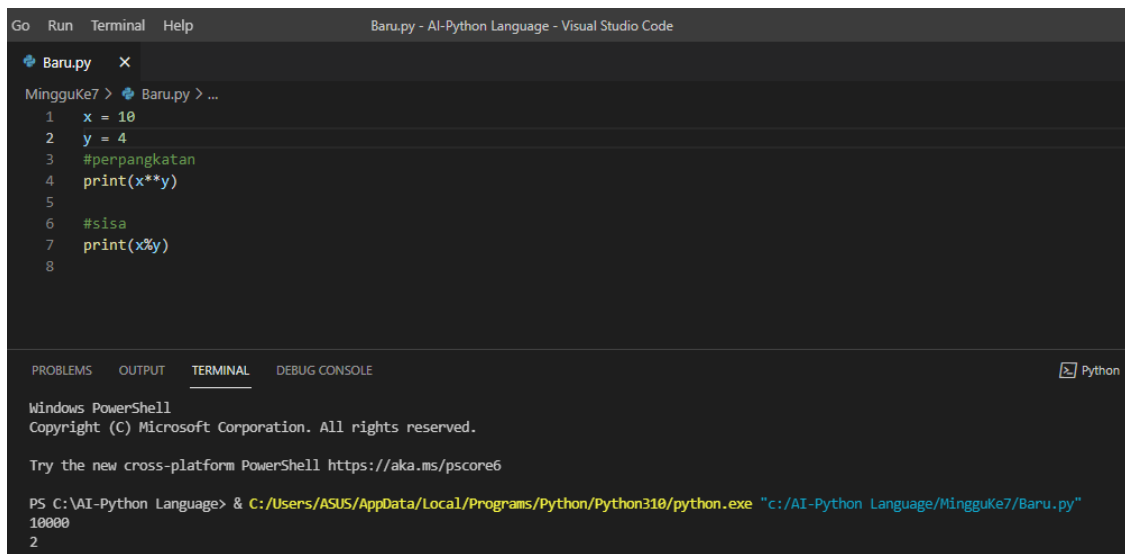
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PS C:\AI-Python Language> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/python.exe "c:/AI-Python Language/MingguKe7/Baru.py"

12
8
20
5.0
5
PS C:\AI-Python Language>



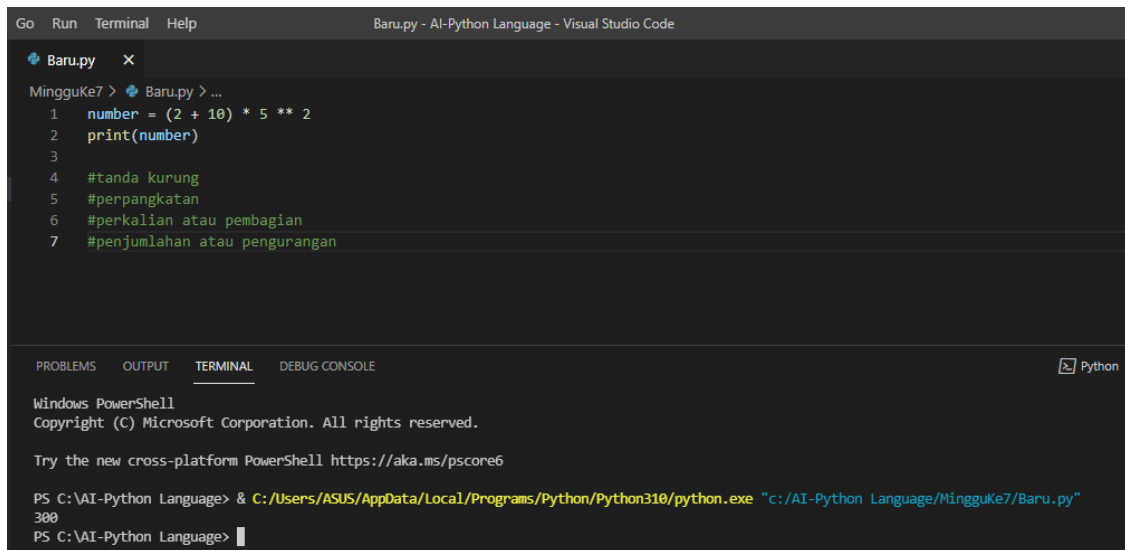
The screenshot shows the Visual Studio Code interface with a file named `Baru.py` open. The code in the editor is as follows:

```
1 x = 10
2 y = 4
3 #perpangkatan
4 print(x**y)
5
6 #sisas
7 print(x%y)
8
```

The terminal at the bottom shows the command to run the script and its output:

```
PS C:\AI-Python Language> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/python.exe "c:/AI-Python Language/MingguKe7/Baru.py"
10000
2
```

5. Operator Precedence



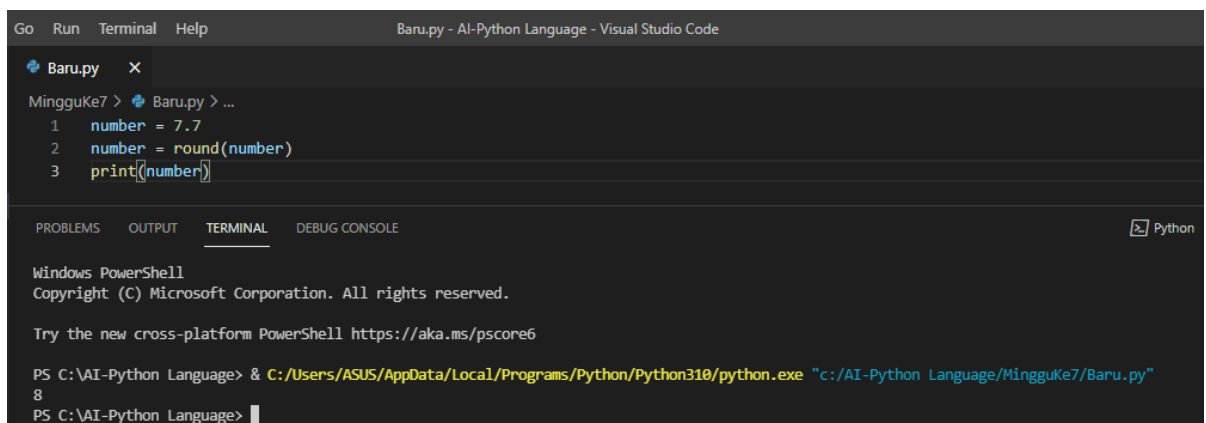
The screenshot shows the Visual Studio Code interface with a file named `Baru.py` open. The code in the editor is as follows:

```
1 number = (2 + 10) * 5 ** 2
2 print(number)
3
4 #tanda kurung
5 #perpangkatan
6 #perkalian atau pembagian
7 #penjumlahan atau pengurangan
```

The terminal at the bottom shows the command to run the script and its output:

```
PS C:\AI-Python Language> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/python.exe "c:/AI-Python Language/MingguKe7/Baru.py"
300
PS C:\AI-Python Language>
```

6. Math Module



The screenshot shows the Visual Studio Code interface with a file named `Baru.py` open. The code in the editor is as follows:

```
1 number = 7.7
2 number = round(number)
3 print(number)
```

The terminal at the bottom shows the command to run the script and its output:

```
PS C:\AI-Python Language> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/python.exe "c:/AI-Python Language/MingguKe7/Baru.py"
8
PS C:\AI-Python Language>
```

```
Go Run Terminal Help Baru.py - AI-Python Language - Visual Studio Code

Baru.py x

MingguKe7 > Baru.py > ...
1 import math
2
3 number = 7.7
4 number = math.ceil(number)
5 print(number)
6
7
8 number = 7.3
9 number = math.floor(number)
10 print(number)

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PS C:\AI-Python Language> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/python.exe "c:/AI-Python Language/MingguKe7/Baru.py"
8
7
PS C:\AI-Python Language>
```