

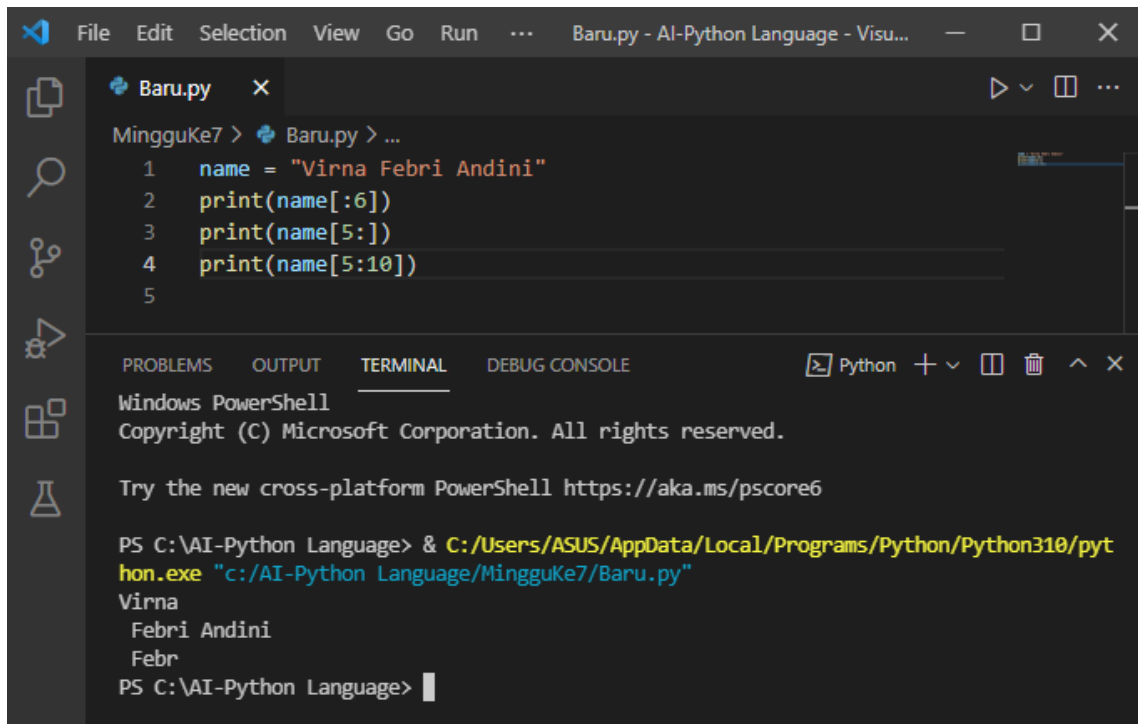
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Kelas : AI-3B

NIM : 20.01.013.017

2-python-2

1. String



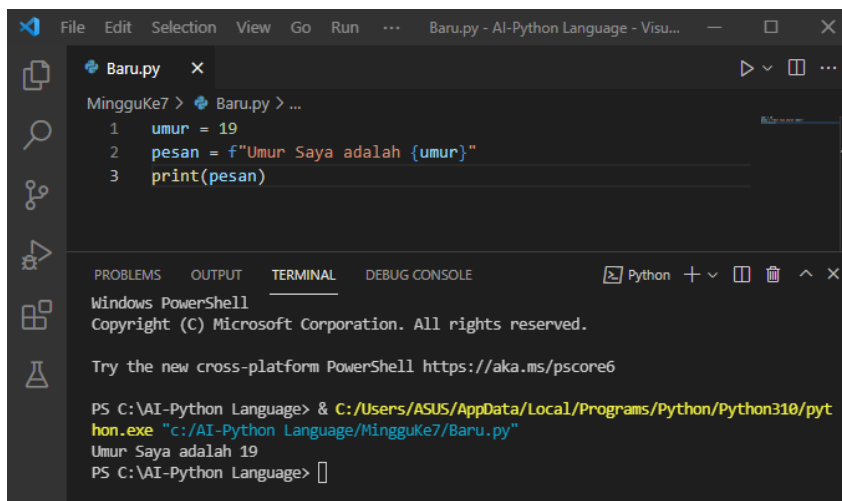
The screenshot shows a Python IDE with a file named `Baru.py`. The code in the editor is as follows:

```
MingguKe7 > Baru.py > ...
1 name = "Virna Febri Andini"
2 print(name[:6])
3 print(name[5:])
4 print(name[5:10])
5
```

The terminal window at the bottom shows the execution of the script using `python.exe`. The output is:

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

2. Formatted String



The screenshot shows a Python IDE with a file named `Baru.py`. The code in the editor is as follows:

```
MingguKe7 > Baru.py > ...
1 umur = 19
2 pesan = f"Umur Saya adalah {umur}"
3 print(pesan)
```

The terminal window at the bottom shows the execution of the script using `python.exe`. The output is:

```
PS C:\AI-Python Language> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/python.exe "c:/AI-Python Language/MingguKe7/Baru.py"
Umur Saya adalah 19
PS C:\AI-Python Language>
```

3. String Method

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

```
1 course = "Indut Suka Membaca Buku"
2 print(course.upper())
3
4 course = "Indut Suka Membaca Buku"
5 print(course.lower())
6
7 course = "Indut Suka Membaca Buku"
8 print(course.capitalize())
9
10 course = "indut suka membaca buku"
11 print(course.title())
12
13 course = "Indut Suka Membaca Buku"
14 print(course.replace("buku", "Novel"))
15
16 course = "Indut Suka Membaca Buku"
17 language = "Novel"
18 print(language in course)
19
```

The terminal at the bottom shows the command prompt output:

```
PS C:\AI-Python Language> C:\Users\ASUS\AppData\Local\Programs\Python\Python310\python.exe "c:/AI-Python Language/MingguKe7/Baru.py"
INDUT SUKA MEMBACA BUKU
indut suka membaca buku
Indut suka membaca buku
Indut Suka Membaca Buku
Indut Suka Membaca Buku
False
PS C:\AI-Python Language>
```

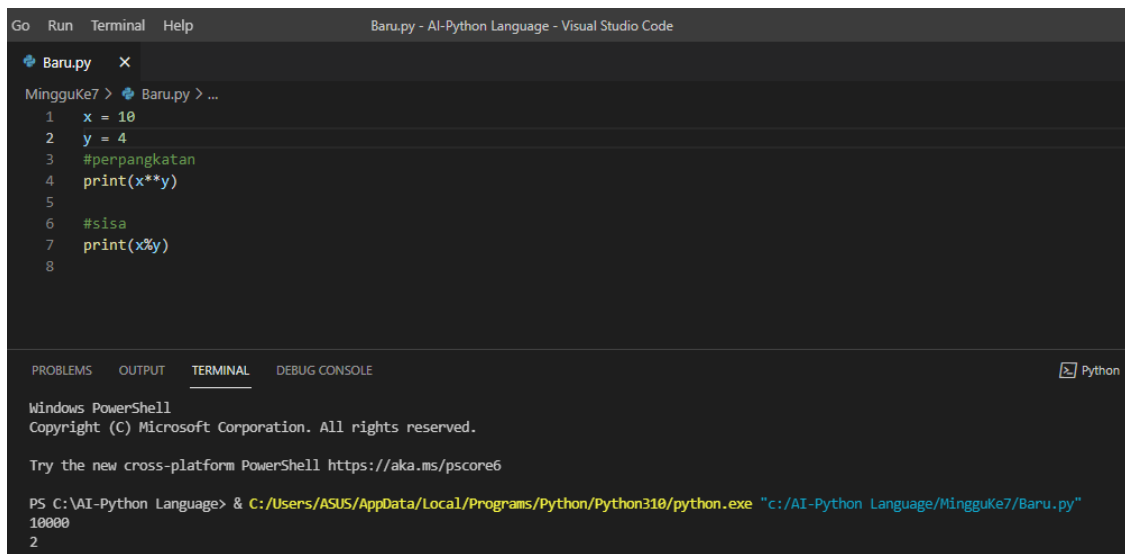
4. Matematika

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 = 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
```

The terminal at the bottom shows the command prompt output:

```
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>
```



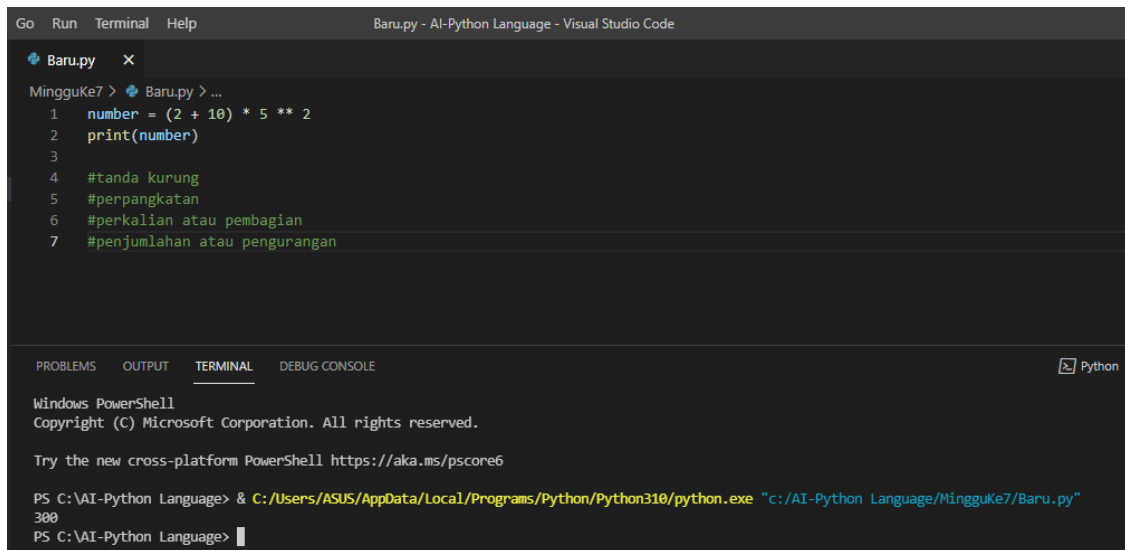
The screenshot shows the Visual Studio Code interface with a file named `Baru.py` open. The code in the editor is as follows:

```
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



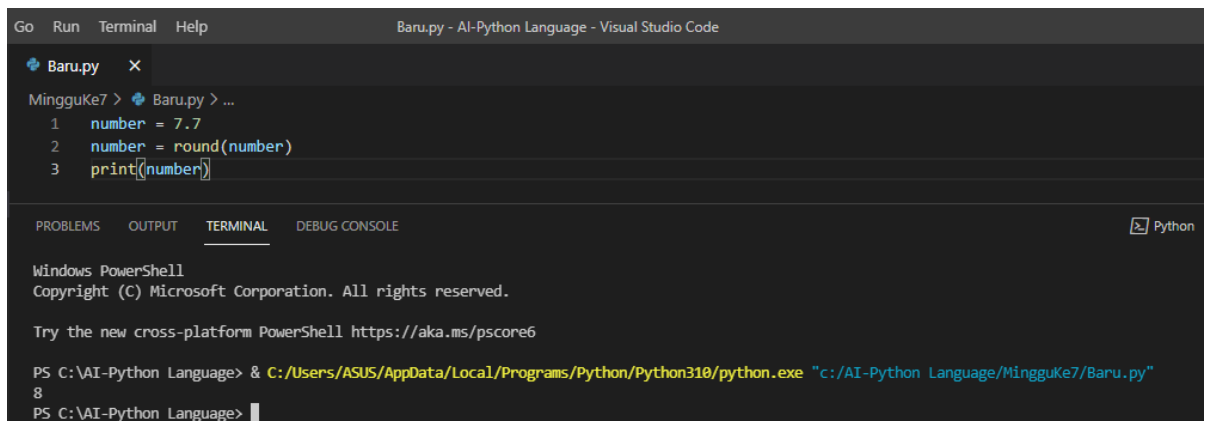
The screenshot shows the Visual Studio Code interface with a file named `Baru.py` open. The code in the editor is as follows:

```
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)

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE Python
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"
8
7
PS C:\AI-Python Language>
```