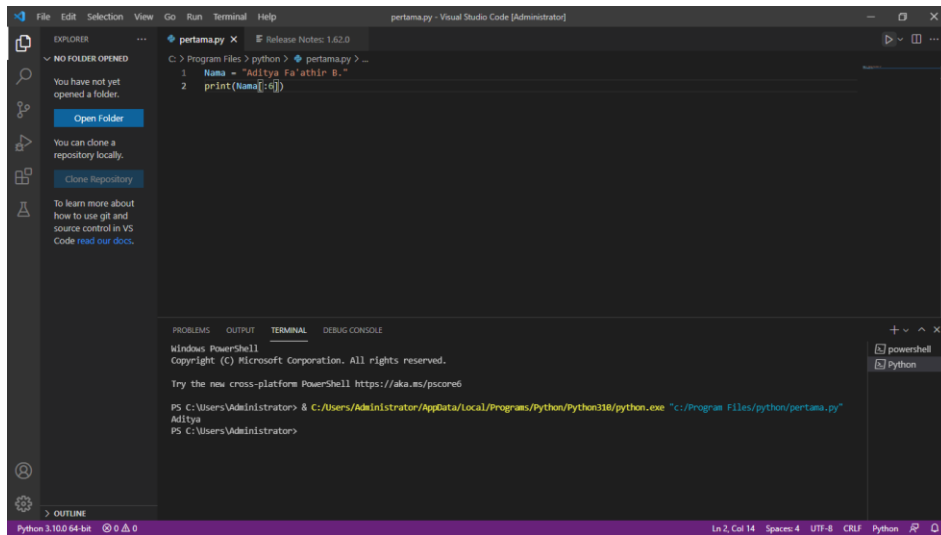


NAMA : ADITYA FA'ATHIR B,

NIM : 20.01.013.035

KELAS : AI B

## 1. String



```
File Edit Selection View Go Run Terminal Help
pertamapy - Visual Studio Code [Administrator]

EXPLORER
NO FOLDER OPENED
You have not yet opened a folder.
Open Folder
You can clone a repository locally.
Clone Repository
To learn more about how to use git and source control in VS Code read our docs.

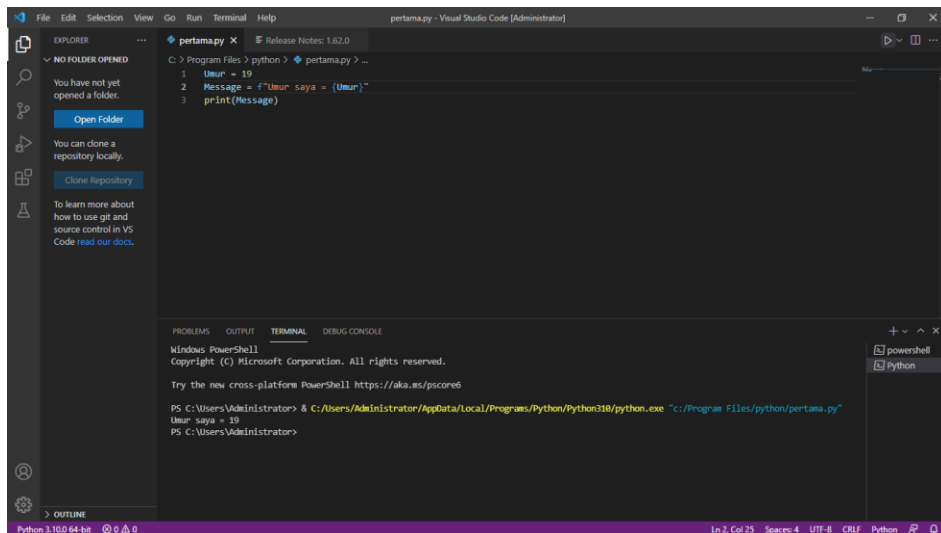
pertamapy X Release Notes: 1.62.0
C:\Program Files\python> python > pertamapy > ...
1 Nama = "Aditya Fa'athir B."
2 print(Nama[:-6])

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\Administrator> & C:\Users\Administrator\AppData\Local\Programs\Python\Python310/python.exe "C:\Program Files\python\pertamapy.py"
Aditya
PS C:\Users\Administrator>
```

## 2. Formatted String



```
File Edit Selection View Go Run Terminal Help
pertamapy - Visual Studio Code [Administrator]

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NO FOLDER OPENED
You have not yet opened a folder.
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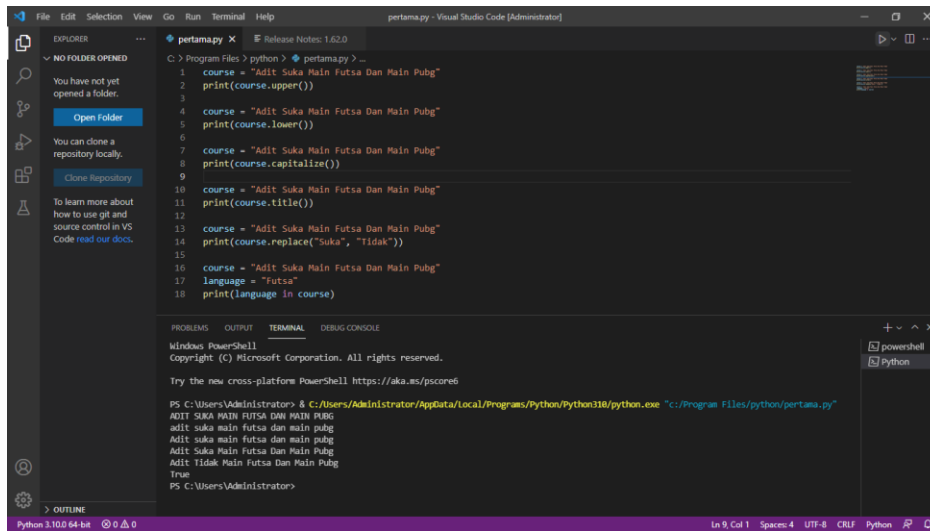
pertamapy X Release Notes: 1.62.0
C:\Program Files\python> python > pertamapy > ...
1 Umun = 19
2 Message = f"Umun saya = {Umun}"
3 print(Message)

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

PS C:\Users\Administrator> & C:\Users\Administrator\AppData\Local\Programs\Python\Python310/python.exe "C:\Program Files\python\pertamapy.py"
Umun saya = 19
PS C:\Users\Administrator>
```

### 3. String Method



The screenshot shows the Visual Studio Code interface with a Python file named `pertamapy.py`. The code defines a string `course` and demonstrates various string methods. The terminal output shows the results of these methods.

```
C:\Program Files\python> python > pertamapy > ...
1 course = "Adit Suka Main Futsal Dan Main Pubg"
2 print(course.upper())
3
4 course = "Adit Suka Main Futsal Dan Main Pubg"
5 print(course.lower())
6
7 course = "Adit Suka Main Futsal Dan Main Pubg"
8 print(course.capitalize())
9
10 course = "Adit Suka Main Futsal Dan Main Pubg"
11 print(course.title())
12
13 course = "Adit Suka Main Futsal Dan Main Pubg"
14 print(course.replace("Suka", "Tidak"))
15
16 course = "Adit Suka Main Futsal Dan Main Pubg"
17 language = "Futsal"
18 print(language in course)
```

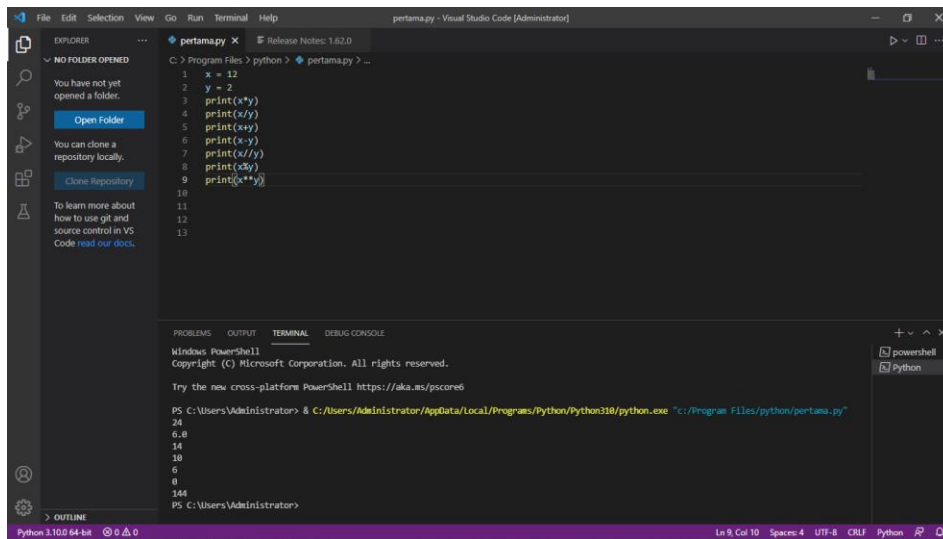
Terminal Output:

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

PS C:\Users\Administrator> & C:\Users\Administrator\AppData\Local\Programs\Python\Python316\python.exe "c:/Program Files/python/pertama.py"
ADIT SUKA MAIN FUTSAL DAN MAIN PUBG
adit suka main futsal dan main pubg
Adit suka main futsal dan main pubg
Adit Suka Main Futsal Dan Main Pubg
Adit Tidak Main Futsal Dan Main Pubg
True
PS C:\Users\Administrator>
```

### 4. Matematika



The screenshot shows the Visual Studio Code interface with a Python file named `pertamapy.py`. The code performs basic arithmetic operations on variables `x` and `y`. The terminal output shows the results of these operations.

```
C:\Program Files\python> python > pertamapy > ...
1 x = 12
2 y = 2
3 print(x*y)
4 print(x/y)
5 print(x+y)
6 print(x-y)
7 print(x//y)
8 print(x%y)
9 print(x**y)
10
11
12
13
```

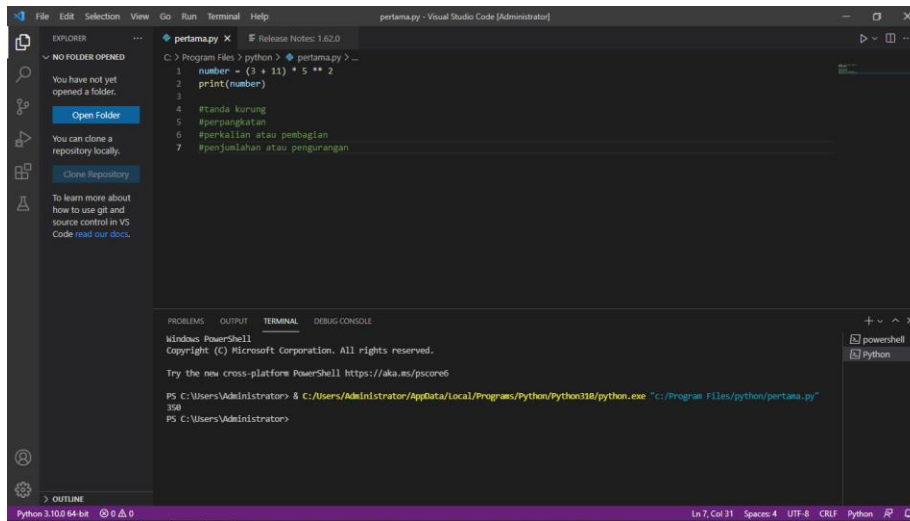
Terminal Output:

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

PS C:\Users\Administrator> & C:\Users\Administrator\AppData\Local\Programs\Python\Python316\python.exe "c:/Program Files/python/pertama.py"
24
6.0
14
18
6
144
PS C:\Users\Administrator>
```

### 5. Operator Precedence



```
File Edit Selection View Go Run Terminal Help
pertamapy - Visual Studio Code [Administrator]

EXPLORER
NO FOLDER OPENED
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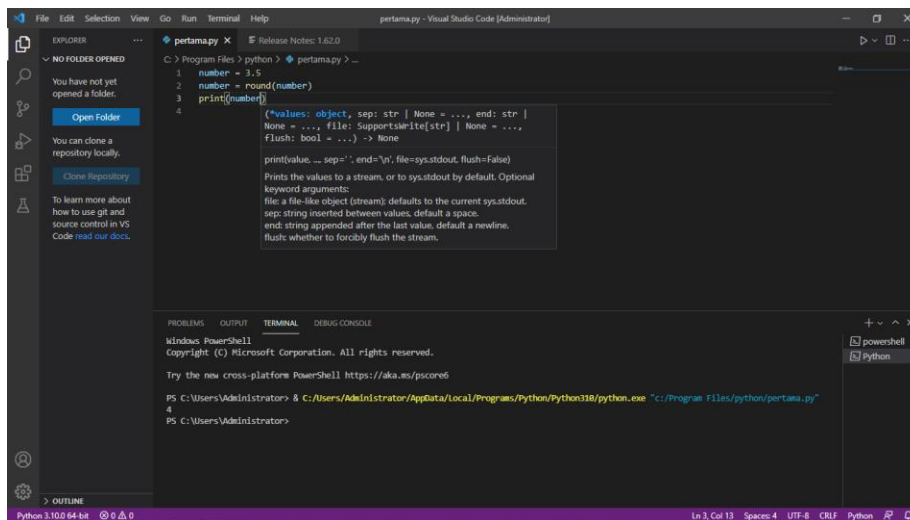
C:\Program Files\python> pertamapy > ...
1 number = (3 * 11) * 5 ** 2
2 print(number)
3
4 #tanda kurung
5 #perpangkatan
6 #perkalian atau pembagian
7 #penjumlahan atau pengurangan

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\Administrator> & C:/Users/Administrator/AppData/Local/Programs/Python/Python318/python.exe "c:/Program Files/python/pertama.py"
358
PS C:\Users\Administrator>
```

## 6. Math Moodle



```
File Edit Selection View Go Run Terminal Help
pertamapy - Visual Studio Code [Administrator]

EXPLORER
NO FOLDER OPENED
You have not yet opened a folder.
Open Folder
You can clone a repository locally.
Clone Repository
To learn more about how to use git and source control in VS Code read our docs.

C:\Program Files\python> pertamapy > ...
1 number = 3.5
2 number = round(number)
3 print(number)
4

(*values: object, sep: str | None = ..., end: str |
None = ..., file: SupportsWrite[str] | None = ...,
flush: bool = ...) -> None
print(value, ..., sep=' ', end='\n', file=sys.stdout, flush=False)
Prints the values to a stream, or to sys.stdout by default. Optional
keyword arguments:
file: a file-like object (stream); defaults to the current sys.stdout.
sep: string inserted between values, default a space.
end: string appended after the last value, default a newline.
flush: whether to forcibly flush the stream.

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

PS C:\Users\Administrator> & C:/Users/Administrator/AppData/Local/Programs/Python/Python318/python.exe "c:/Program Files/python/pertama.py"
4
PS C:\Users\Administrator>
```

