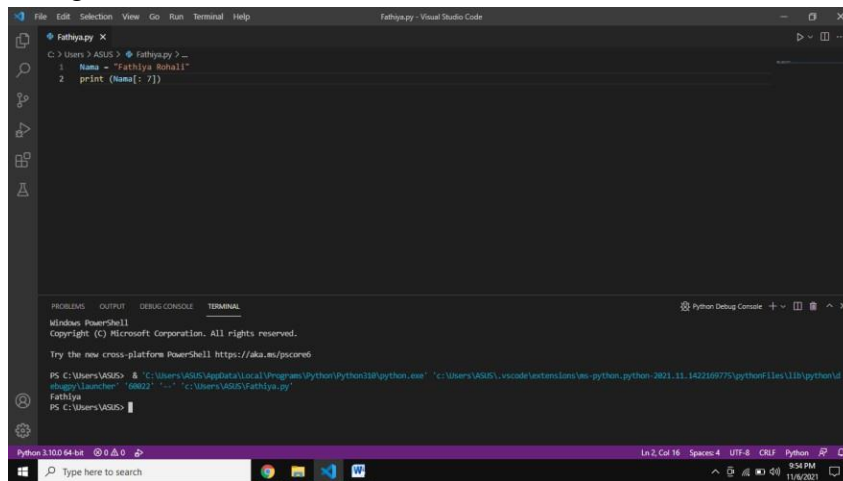


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## Tugas Python 2

- String



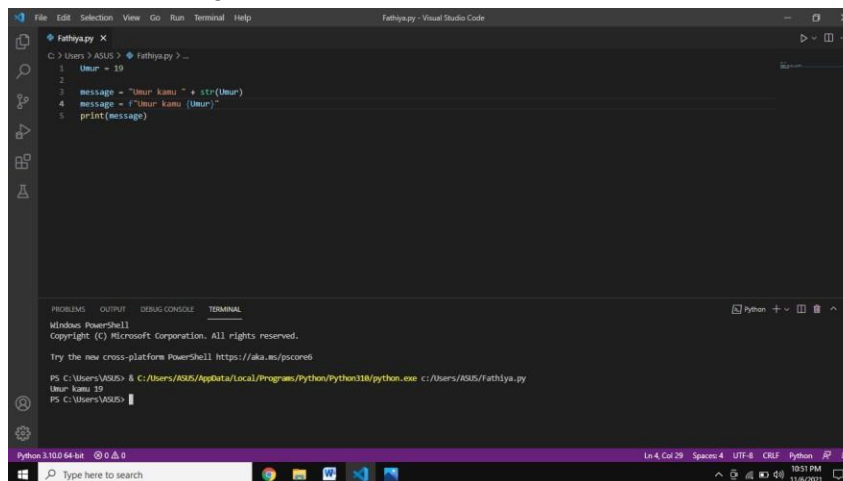
The screenshot shows the Visual Studio Code interface with a Python file named 'Fathiya.py'. The code in the editor is as follows:

```
1 Nama = "Fathiya Rohali"
2 print(Nama[: 7])
```

The output window at the bottom shows the execution results in a Windows PowerShell terminal:

```
Python 3.10.0 64-bit
Python Debug Console
PS C:\Users\ASUS> & "C:\Users\ASUS\AppData\Local\Programs\Python\Python310\python.exe" "C:\Users\ASUS\vscode\extensions\ms-python.python-2021.11.1422109775\pythonFiles\lib\python\uf
haggy\launcher" -68022 -c "c:\Users\ASUS\Fathiya.py"
Fathiya
PS C:\Users\ASUS>
```

- Formatted String



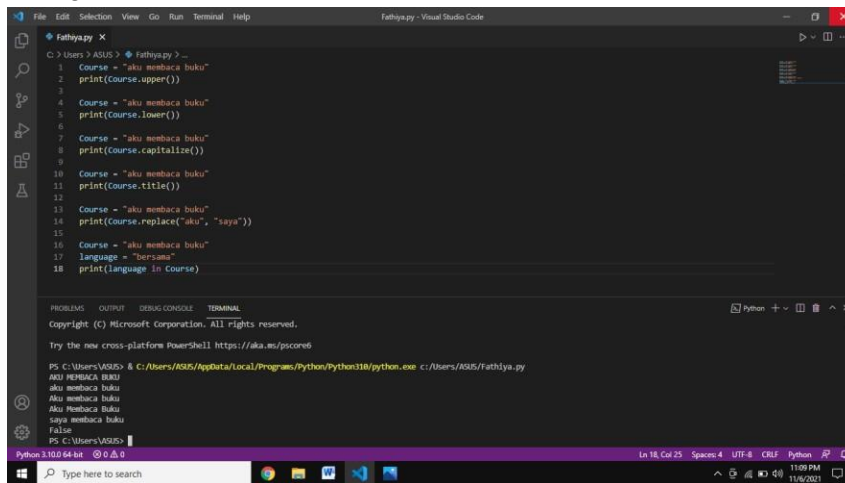
The screenshot shows the Visual Studio Code interface with a Python file named 'Fathiya.py'. The code in the editor is as follows:

```
1 Umur = 19
2
3 message = "Umur kamu " + str(Umur)
4 message = f"Umur kamu {Umur}"
5 print(message)
```

The output window at the bottom shows the execution results in a Windows PowerShell terminal:

```
Python 3.10.0 64-bit
Python
PS C:\Users\ASUS> & "C:\Users\ASUS\AppData\Local\Programs\Python\Python310\python.exe" "c:\Users\ASUS\Fathiya.py"
Umur kamu 19
PS C:\Users\ASUS>
```

- String Method



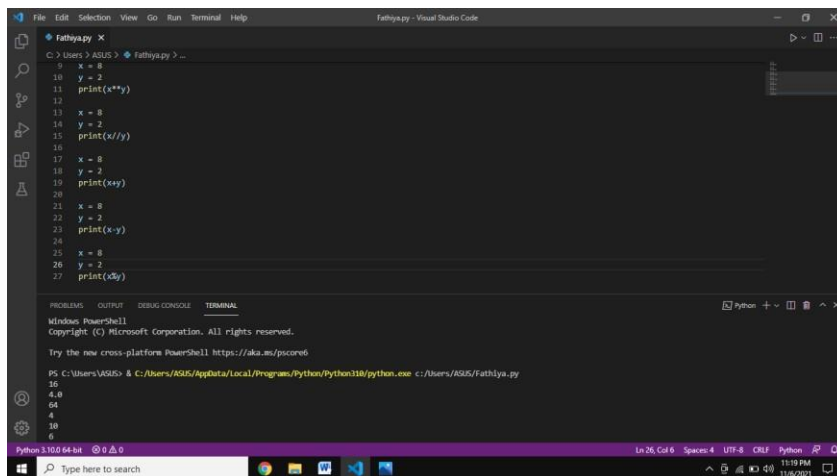
```
File Edit Selection View Go Run Terminal Help
Fathiyapy - Visual Studio Code

Fathiyapy.py X
C:\Users\ASUS> Fathiyapy.py ...
1 Course = "aku membaca buku"
2 print(Course.upper())
3
4 Course = "aku membaca buku"
5 print(Course.lower())
6
7 Course = "aku membaca buku"
8 print(Course.capitalize())
9
10 Course = "aku membaca buku"
11 print(Course.title())
12
13 Course = "aku membaca buku"
14 print(Course.replace("aku", "saya"))
15
16 Course = "aku membaca buku"
17 language = "bersama"
18 print(language in Course)

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
Copyright (C) Microsoft Corporation. All rights reserved.
Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\ASUS> & C:\Users\ASUS\AppData\Local\Programs\Python\Python118\python.exe c:/Users/ASUS/Fathiyapy.py
AKU MEMBAKA BUKU
aku membaca buku
AKU MEMBAKA BUKU
saya membaca buku
False
PS C:\Users\ASUS>
```

- Matematika



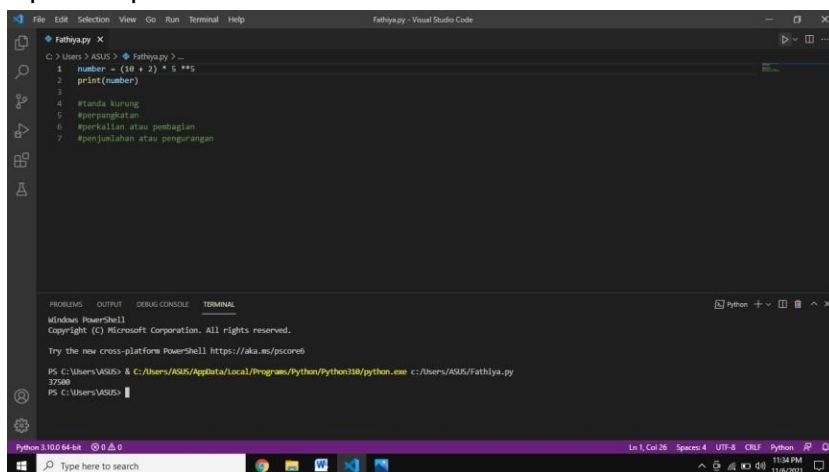
```
File Edit Selection View Go Run Terminal Help
Fathiyapy - Visual Studio Code

Fathiyapy.py X
C:\Users\ASUS> Fathiyapy.py ...
9 x = 8
10 y = 2
11 print(x**y)
12
13 x = 8
14 y = 2
15 print(x//y)
16
17 x = 8
18 y = 2
19 print(x*y)
20
21 x = 8
22 y = 2
23 print(x-y)
24
25 x = 8
26 y = 2
27 print(x/y)

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

PS C:\Users\ASUS> & C:\Users\ASUS\AppData\Local\Programs\Python\Python118\python.exe c:/Users/ASUS/Fathiyapy.py
16
4.0
64
4
30
6
```

- Operator precedence



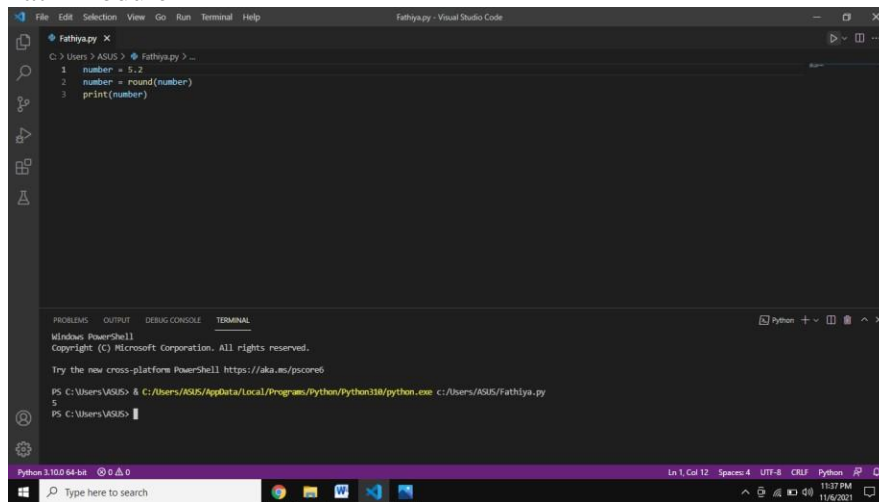
```
File Edit Selection View Go Run Terminal Help
Fathiyapy - Visual Studio Code

Fathiyapy.py X
C:\Users\ASUS> Fathiyapy.py ...
1 number = (10 + 2) * 5 ** 3
2 print(number)
3
4 #tanda kurang
5 #perkalian
6 #perkalian atau pembagian
7 #penjumlahan atau pengurangan

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.
Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\ASUS> & C:\Users\ASUS\AppData\Local\Programs\Python\Python118\python.exe c:/Users/ASUS/Fathiyapy.py
37500
PS C:\Users\ASUS>
```

- Math Module



This screenshot shows the Visual Studio Code editor with a file named 'Fathiya.py'. The code in the editor is as follows:

```
C:\Users\ASUS> Fathiya.py > ...
1 number = 5.2
2 number = round(number)
3 print(number)
```

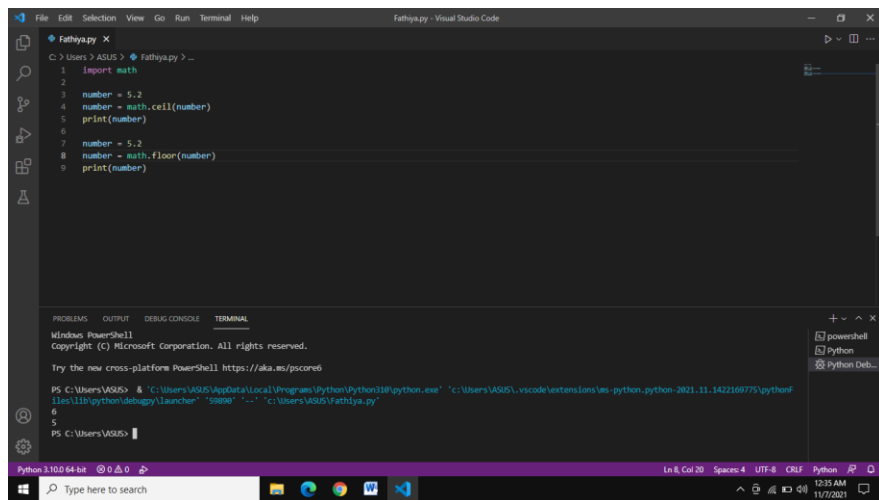
The bottom panel shows the 'TERMINAL' tab with the following output:

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

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

PS C:\Users\ASUS> & C:\Users\ASUS\AppData\Local\Programs\Python\Python38\python.exe c:\Users\ASUS\Fathiya.py
5
PS C:\Users\ASUS>
```

The status bar at the bottom indicates 'Python 3.10.0 64-bit' and 'Ln 1, Col 12'.



This screenshot shows the Visual Studio Code editor with a file named 'Fathiya.py'. The code in the editor is as follows:

```
C:\Users\ASUS> Fathiya.py > ...
1 import math
2
3 number = 5.2
4 number = math.ceil(number)
5 print(number)
6
7 number = 5.2
8 number = math.floor(number)
9 print(number)
```

The bottom panel shows the 'TERMINAL' tab with the following output:

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

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

PS C:\Users\ASUS> & "C:\Users\ASUS\AppData\Local\Programs\Python\Python38\python.exe" "c:\Users\ASUS\vscode\extensions\ms-python.python-2021.11.1422109775\python\lib\python\debugpy\launcher" "5990" "..."; "c:\Users\ASUS\Fathiya.py"
6
5
PS C:\Users\ASUS>
```

The status bar at the bottom indicates 'Python 3.10.0 64-bit' and 'Ln 8, Col 20'.