

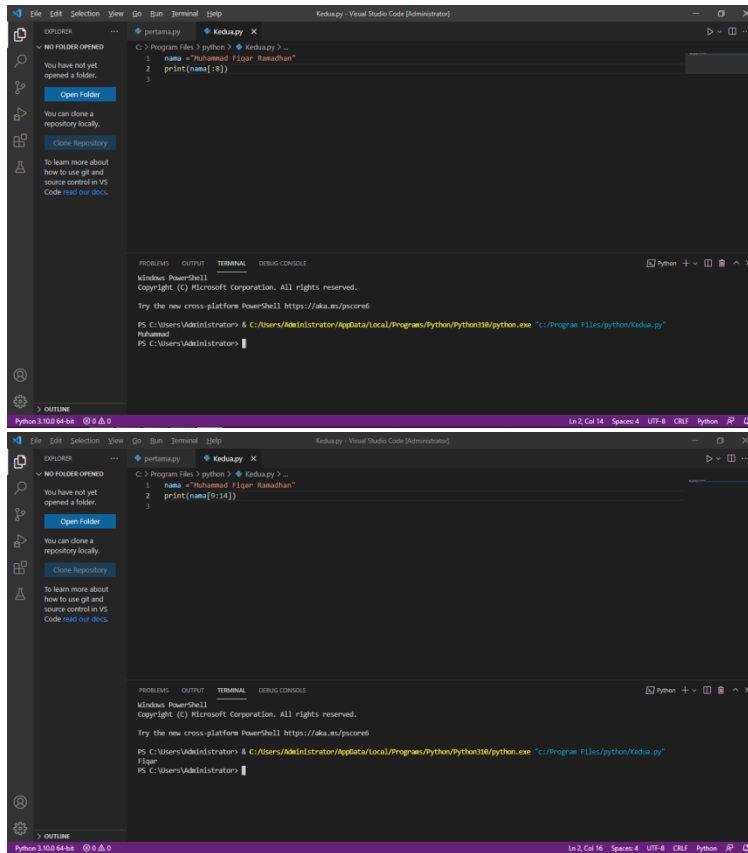
NAMA : MUHAMMAD FIQAR RAMADHAN

NIM : 20.01.013.034

KELAS : AI –B

2. Python-2

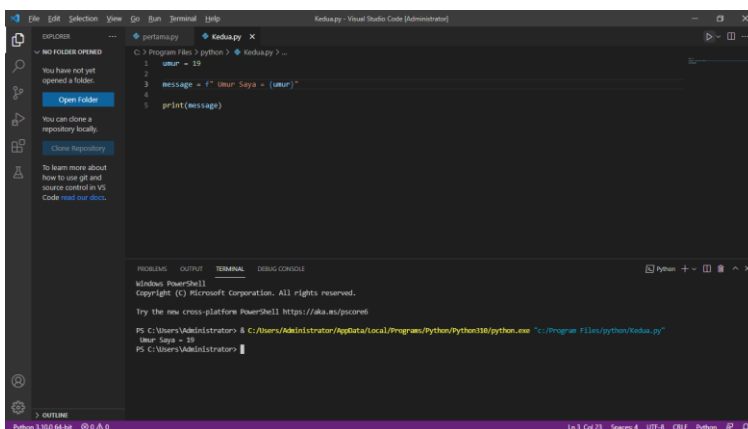
1. String



```
1 nama = "Muhammad Fiqar Ramadhan"
2 print(nama[0:14])
```

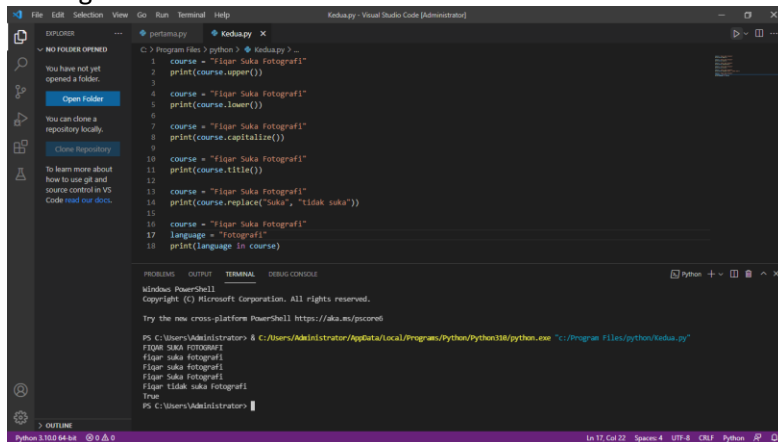
```
1 nama = "Muhammad Fiqar Ramadhan"
2 print(nama[0:14])
```

2. Formatted String



```
1 umur = 19
2
3 message = f"umur Says - {umur}"
4
5 print(message)
```

3. String Method

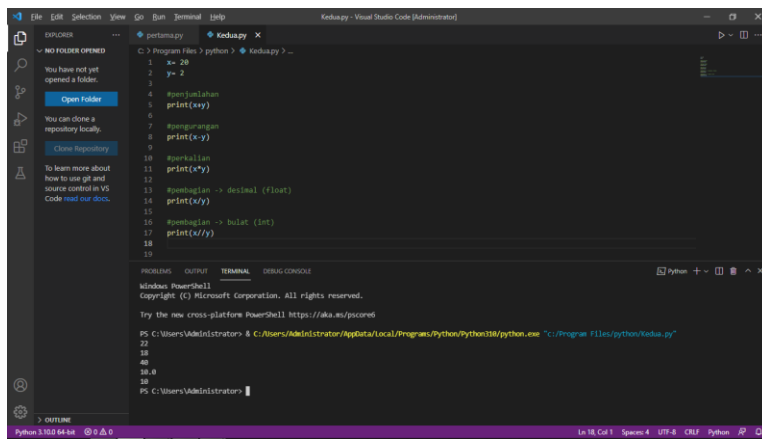


```
1 course = "figur Suka Fotografi"
2 print(course.upper())
3
4 course = "figur Suka Fotografi"
5 print(course.lower())
6
7 course = "figur Suka Fotografi"
8 print(course.capitalize())
9
10 course = "figur Suka Fotografi"
11 print(course.title())
12
13 course = "figur Suka Fotografi"
14 print(course.replace("Suka", "tidak suka"))
15
16 course = "figur Suka Fotografi"
17 language = "fotografi"
18 print(language in course)
```

Terminal Output:

```
PS C:\Users\Administrator> & C:\Users\Administrator\AppData\Local\Programs\Python\Python38\python.exe "C:\Program Files\python\kodu.py"
FIGUR SUKA FOTOGRAFI
figur suka fotografi
figur Suka Fotografi
figur Suka Fotografi
figur Suka Fotografi
figur tidak suka fotografi
True
PS C:\Users\Administrator>
```

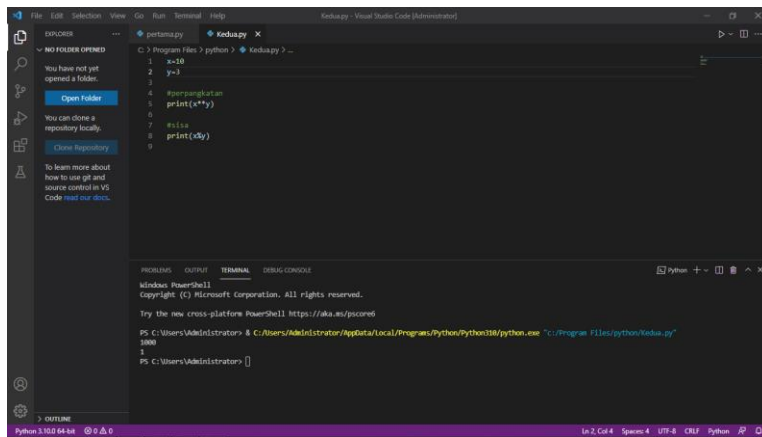
4. Matematika



```
1 x = 20
2 y = 2
3
4 #penjumlahan
5 print(x+y)
6
7 #pengurangan
8 print(x-y)
9
10 #perkalian
11 print(x*y)
12
13 #pembagian -> decimal (float)
14 print(x/y)
15
16 #pembagian -> bulat (int)
17 print(x//y)
18
19
```

Terminal Output:

```
PS C:\Users\Administrator> & C:\Users\Administrator\AppData\Local\Programs\Python\Python38\python.exe "C:\Program Files\python\kodu.py"
22
20
18
10
10
PS C:\Users\Administrator>
```

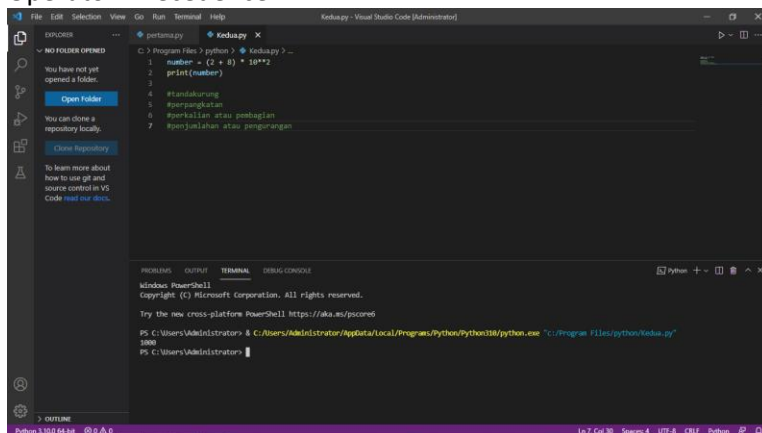


```
1 x=2
2 y=1
3
4 #pangkat
5 print(x**y)
6
7 #akar
8 print(x/y)
```

Terminal Output:

```
PS C:\Users\Administrator> & C:\Users\Administrator\AppData\Local\Programs\Python\Python38\python.exe "C:\Program Files\python\kodu.py"
1000
1
PS C:\Users\Administrator>
```

5. Operator Precedence



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

Terminal Output:

```
PS C:\Users\Administrator> & C:\Users\Administrator\AppData\Local\Programs\Python\Python38\python.exe "C:\Program Files\python\kodu.py"
1000
PS C:\Users\Administrator>
```

6. Math Module

The image displays two screenshots of the Visual Studio Code editor, showing the development of a Python script. The top screenshot shows the initial state of the file 'kedi.py' with three lines of code: `number = 9.9`, `number=round(number)`, and `print(number)`. The bottom screenshot shows the same file after adding the `math` module, with the code updated to: `import math`, `number = 9.9`, `number = math.ceil(number)`, `print(number)`, `number = 9.3`, `number = math.floor(number)`, and `print(number)`. Both screenshots show the terminal output, which is empty, indicating that the code has not yet been executed.

```
File Edit Selection View Go Run Terminal Help
Kedi.py - 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> python kedi.py
1 number = 9.9
2 number=round(number)
3 print(number)

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.
Try the new cross-platform PowerShell https://aka.ms/powershell
PS C:\Users\Administrator> & C:\Users\Administrator\AppData\Local\Programs\Python\Python38\python.exe "C:\Program Files\python\kedi.py"
10
PS C:\Users\Administrator>
```

```
File Edit Selection View Go Run Terminal Help
Kedi.py - 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> python kedi.py
1 import math
2
3 number = 9.9
4 number = math.ceil(number)
5 print(number)
6
7 number = 9.3
8 number = math.floor(number)
9 print(number)

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.
Try the new cross-platform PowerShell https://aka.ms/powershell
PS C:\Users\Administrator> & C:\Users\Administrator\AppData\Local\Programs\Python\Python38\python.exe "C:\Program Files\python\kedi.py"
10
9
PS C:\Users\Administrator>
```