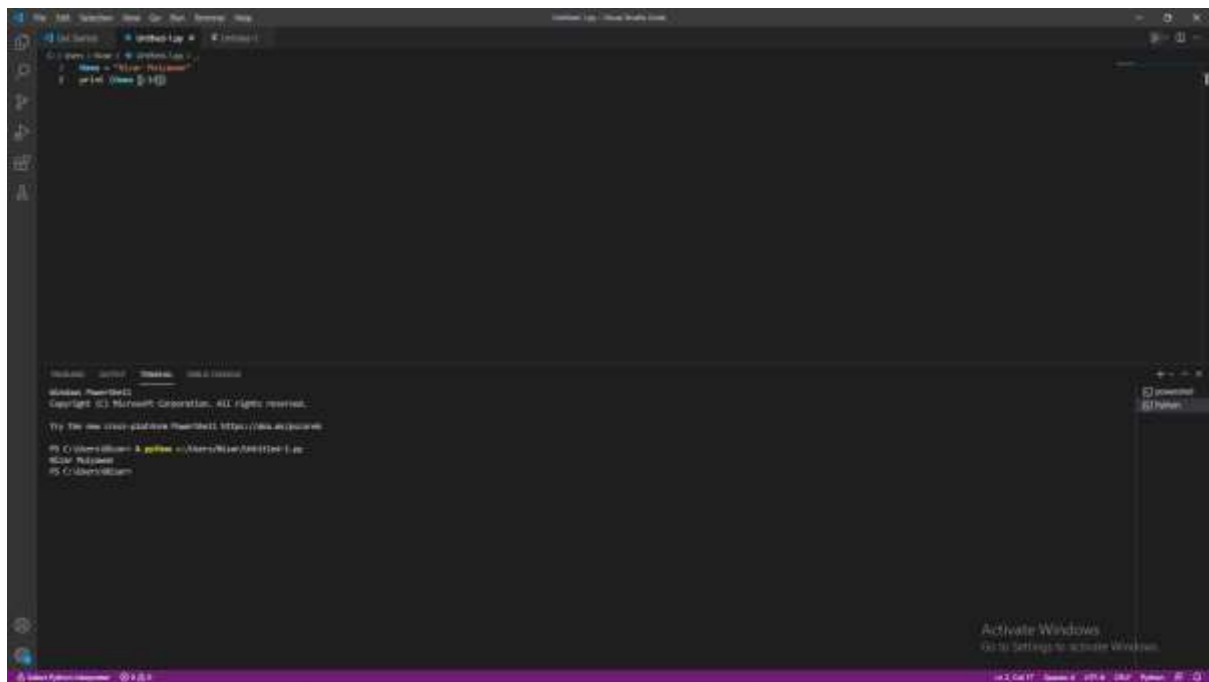


Nama : Nizar Mulyawan

Nim : 20.01.013.011

Kelas : Kecerdasan Buatan (AI)

1. String



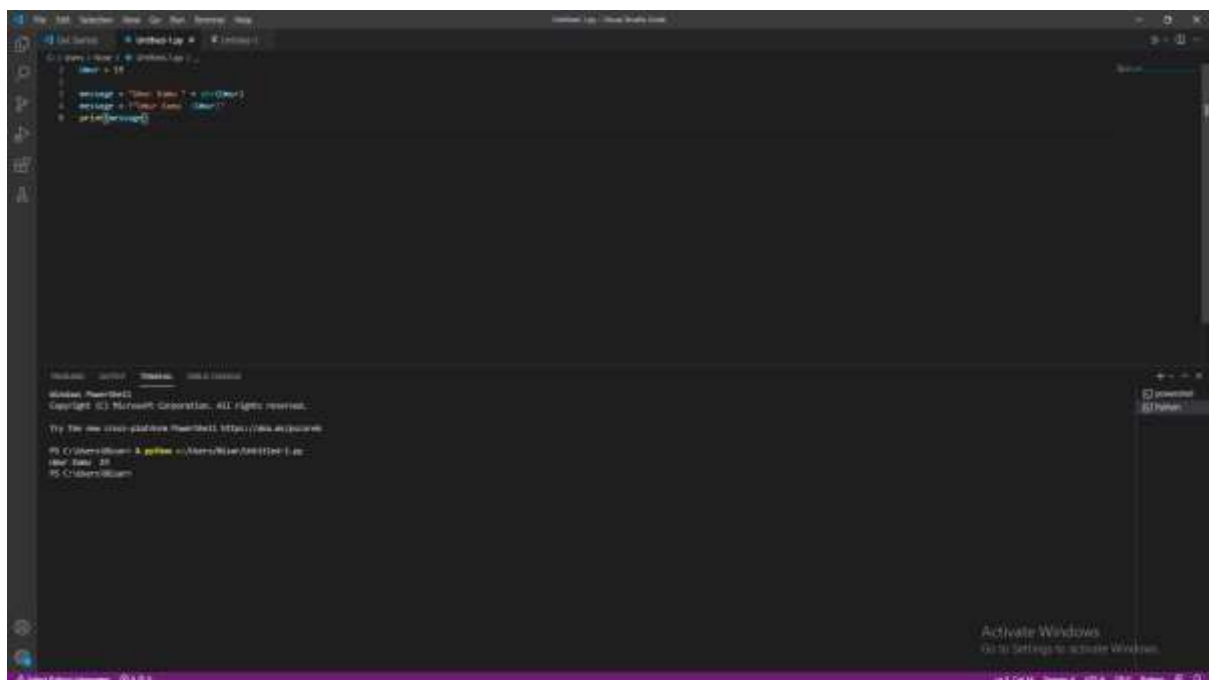
```
1 # String
2 name = "Nizar Mulyawan"
3 print(name)
```

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

PS C:\Users\Nizar> python ..\Nizar\KecerdasanBuatan-1.py
Nizar Mulyawan
PS C:\Users\Nizar>
```

2. Formatted String



```
1 # String
2 name = "Nizar Mulyawan"
3 age = 20
4 message = "Hello, my name is " + name
5 print(message)
```

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

PS C:\Users\Nizar> python ..\Nizar\KecerdasanBuatan-1.py
Hello, my name is Nizar Mulyawan
PS C:\Users\Nizar>
```

3. String Method

The screenshot shows a Windows 10 desktop with a Visual Studio Code editor window open. The editor displays a C# program named `Program.cs` with the following code:

```

1 using System;
2 using System.Linq;
3
4 namespace HelloWorld
5 {
6     class Program
7     {
8         static void Main()
9         {
10             Console.WriteLine("Hello, World!");
11         }
12     }
13 }
14
15 namespace HelloWorld
16 {
17     class Program
18     {
19         static void Main()
20         {
21             Console.WriteLine("Hello, World!");
22         }
23     }
24 }
25
26 namespace HelloWorld
27 {
28     class Program
29     {
30         static void Main()
31         {
32             Console.WriteLine("Hello, World!");
33         }
34     }
35 }

```

Below the code editor, the Windows Security notification is visible, stating: "Windows Security: Windows Security is on. To help protect your PC, Windows Security scans your files for malware. To learn more, go to Windows Security." The notification includes a link to "Go to Windows Security" and a "Turn off Windows Security" button.

4. Matematika

The screenshot shows a Windows 10 desktop environment. In the foreground, a Visual Studio Code editor window is open, displaying a C++ program named 'main.cpp'. The code defines a function 'getChar' that takes a character 'c' and returns it, and a 'main' function that calls 'getChar' with the character 'a' and prints the result. The code is as follows:

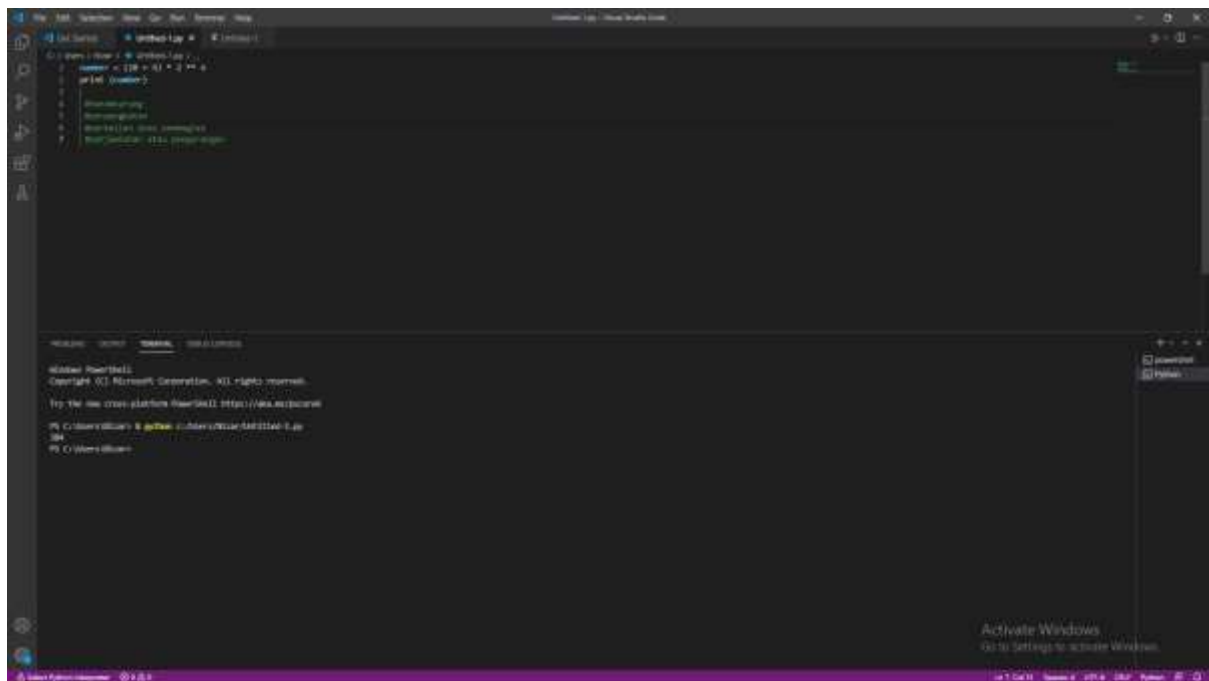
```

1 // getChar: char c -> char
2
3 char getChar(char c)
4 {
5     return c;
6 }
7
8 int main()
9 {
10    char c = 'a';
11    char ch = getChar(c);
12    printf("%c", ch);
13    return 0;
14 }

```

Below the code editor, the 'Output' window is visible, showing the command prompt output: 'a'. The Windows taskbar at the bottom shows the Start button, a search bar, and several pinned applications: Edge, File Explorer, and Visual Studio Code. A Windows Security notification is visible in the bottom right corner, stating 'Activate Windows. Go to Settings to activate Windows.'

5. Operator Precedence

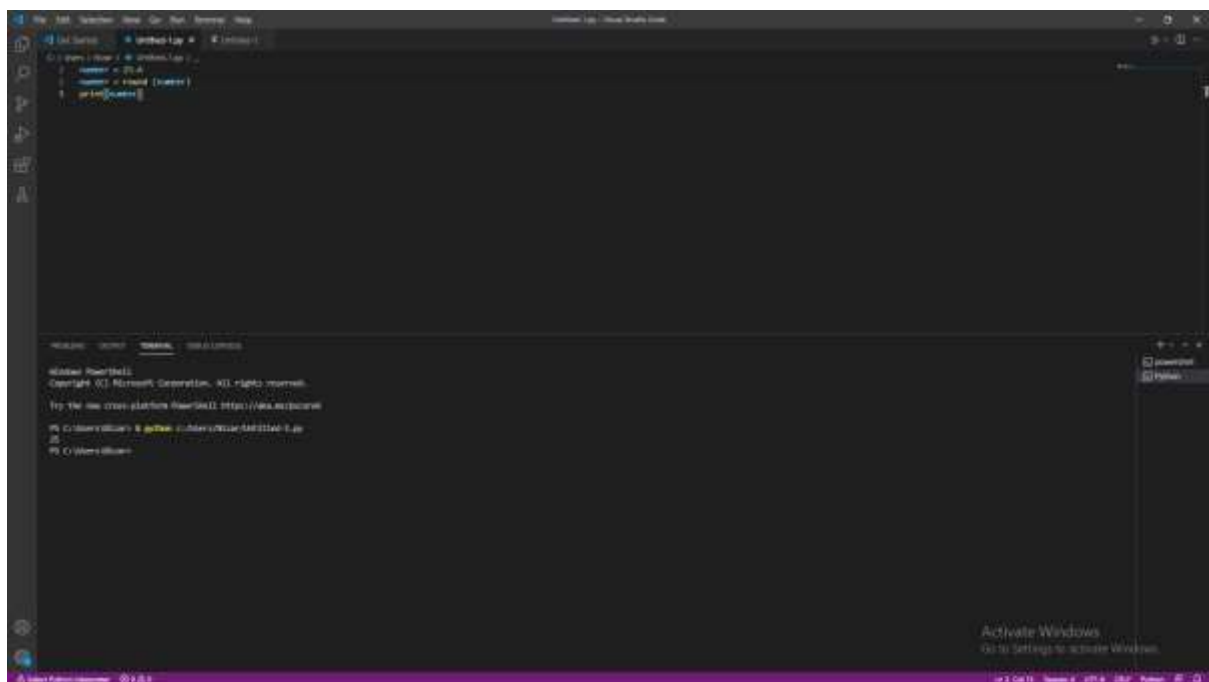


```
1 # Operator Precedence
2 number = 20 + 10 + 2 * 4
3 print(number)
4
5 # Expected Output:
6 # 36
7 # Actual Output: 36
```

Microsoft PowerShell
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PS C:\Users\user> python3 operator_precedence.py
36
PS C:\Users\user>

Activate Windows
Go to Settings to activate Windows.

6. Math Module



```
1 # Math Module
2 import math
3 print(math.pi)
4
5 # Expected Output:
6 # 3.141592653589793
7 # Actual Output: 3.141592653589793
```

Microsoft PowerShell
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Try the new cross-platform PowerShell <https://aka.ms/powershell>
PS C:\Users\user> python3 math_module.py
3.141592653589793
PS C:\Users\user>

Activate Windows
Go to Settings to activate Windows.

