

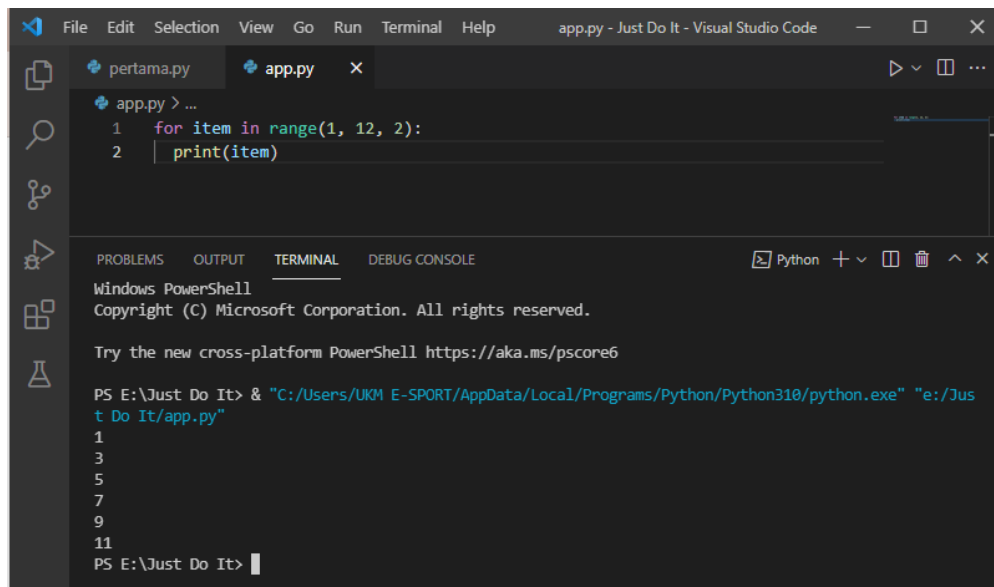
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Kelas : AI-3B

NIM : 20.01.013.009

4. python-4

1. Perulangan For



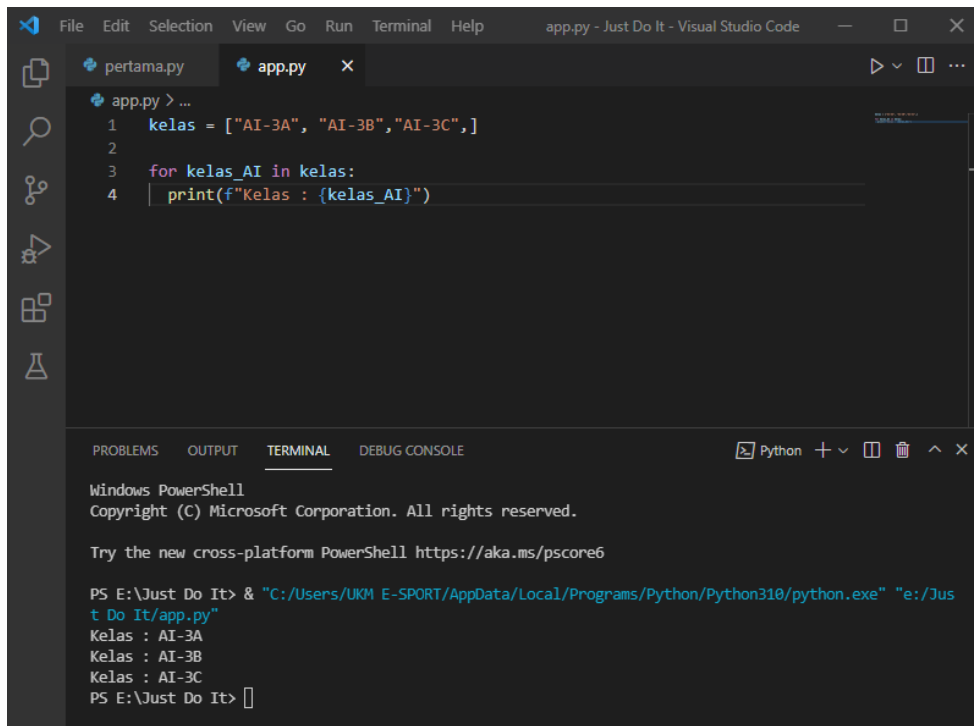
The screenshot shows the Visual Studio Code interface. The editor window displays a file named `app.py` with the following Python code:

```
1 for item in range(1, 12, 2):  
2     print(item)
```

The bottom panel shows the `TERMINAL` tab. It displays the output of running the script in a Windows PowerShell environment:

```
Windows PowerShell  
Copyright (C) Microsoft Corporation. All rights reserved.  
  
Try the new cross-platform PowerShell https://aka.ms/pscore6  
  
PS E:\Just Do It> & "C:/Users/UKM E-SPORT/AppData/Local/Programs/Python/Python310/python.exe" "e:/Just Do It/app.py"  
1  
3  
5  
7  
9  
11  
PS E:\Just Do It>
```

2. List



The screenshot shows the Visual Studio Code interface. The editor has two tabs: 'pertama.py' and 'app.py'. The 'app.py' tab is active, displaying the following Python code:

```
1 kelas = ["AI-3A", "AI-3B", "AI-3C",]  
2  
3 for kelas_AI in kelas:  
4     print(f"Kelas : {kelas_AI}")
```

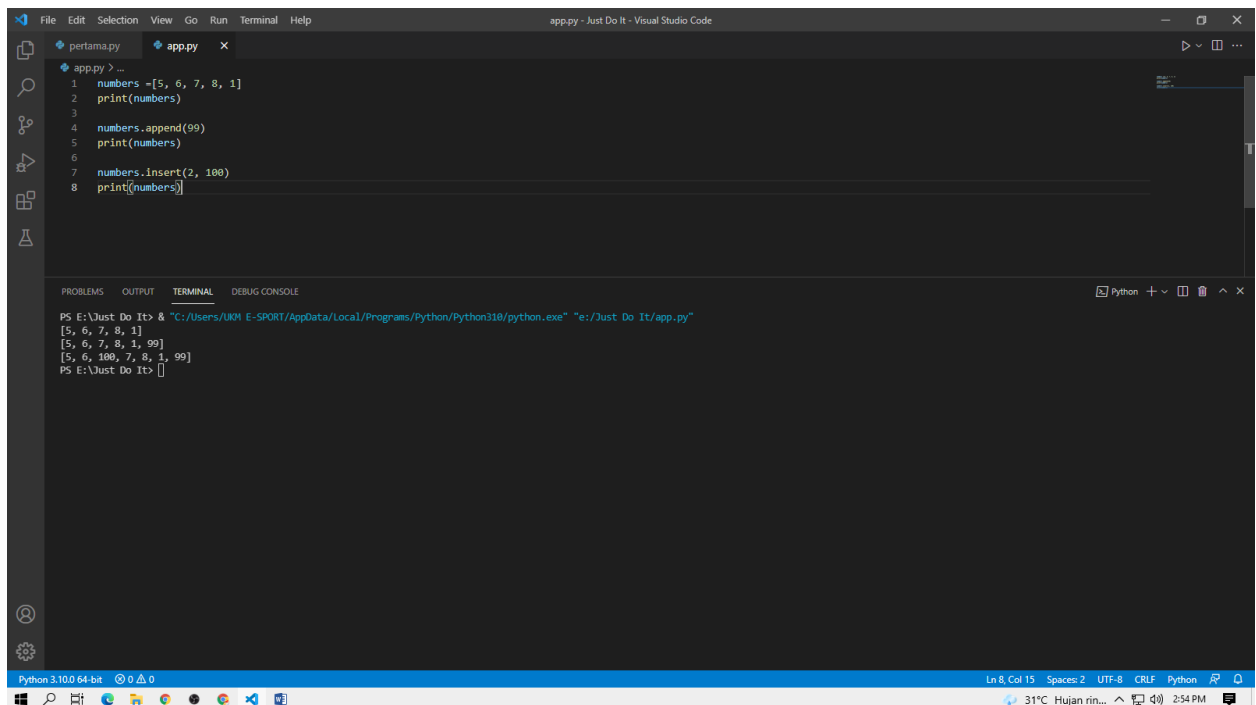
The bottom panel shows the 'TERMINAL' tab with a Windows PowerShell session. The command executed is:

```
PS E:\Just Do It> & "C:/Users/UKM E-SPORT/AppData/Local/Programs/Python/Python310/python.exe" "e:/Just Do It/app.py"
```

The output of the script is:

```
Kelas : AI-3A  
Kelas : AI-3B  
Kelas : AI-3C  
PS E:\Just Do It>
```

3. List Method



The screenshot shows the Visual Studio Code interface. The editor has two tabs: 'pertama.py' and 'app.py'. The 'app.py' tab is active, displaying the following Python code:

```
1 numbers = [5, 6, 7, 8, 1]  
2 print(numbers)  
3  
4 numbers.append(99)  
5 print(numbers)  
6  
7 numbers.insert(2, 100)  
8 print(numbers)
```

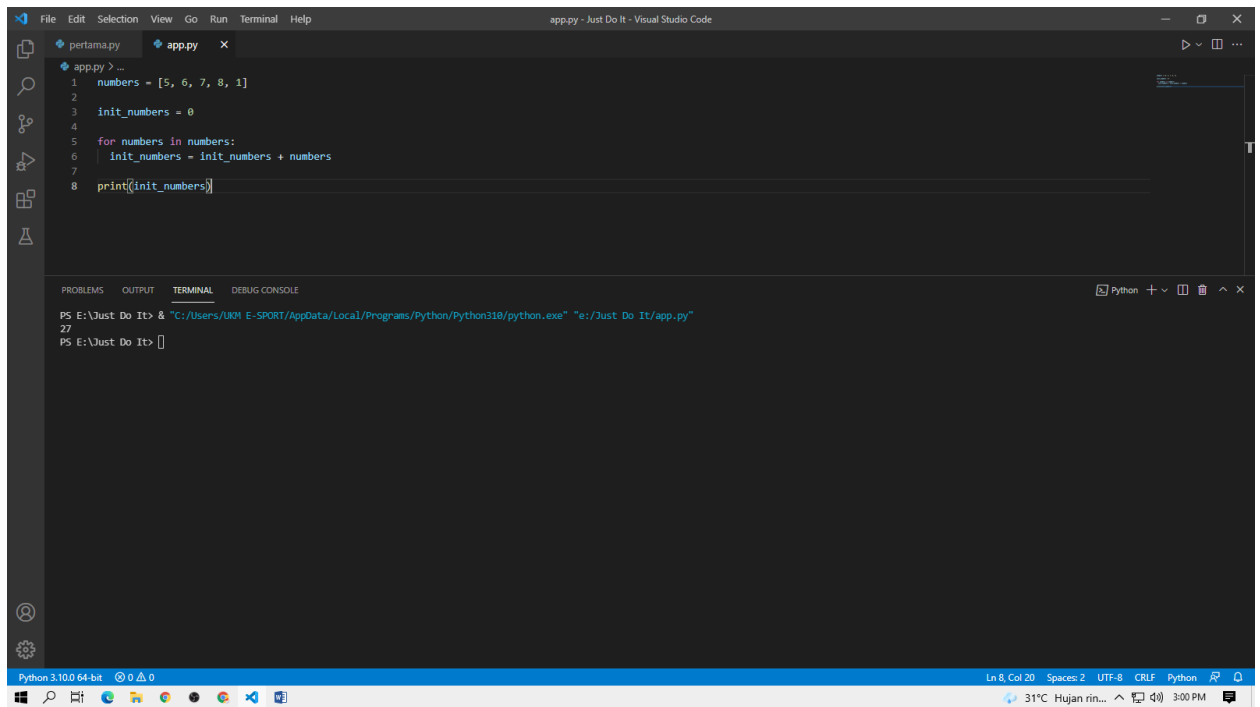
The bottom panel shows the 'TERMINAL' tab with a Windows PowerShell session. The command executed is:

```
PS E:\Just Do It> & "C:/Users/UKM E-SPORT/AppData/Local/Programs/Python/Python310/python.exe" "e:/Just Do It/app.py"
```

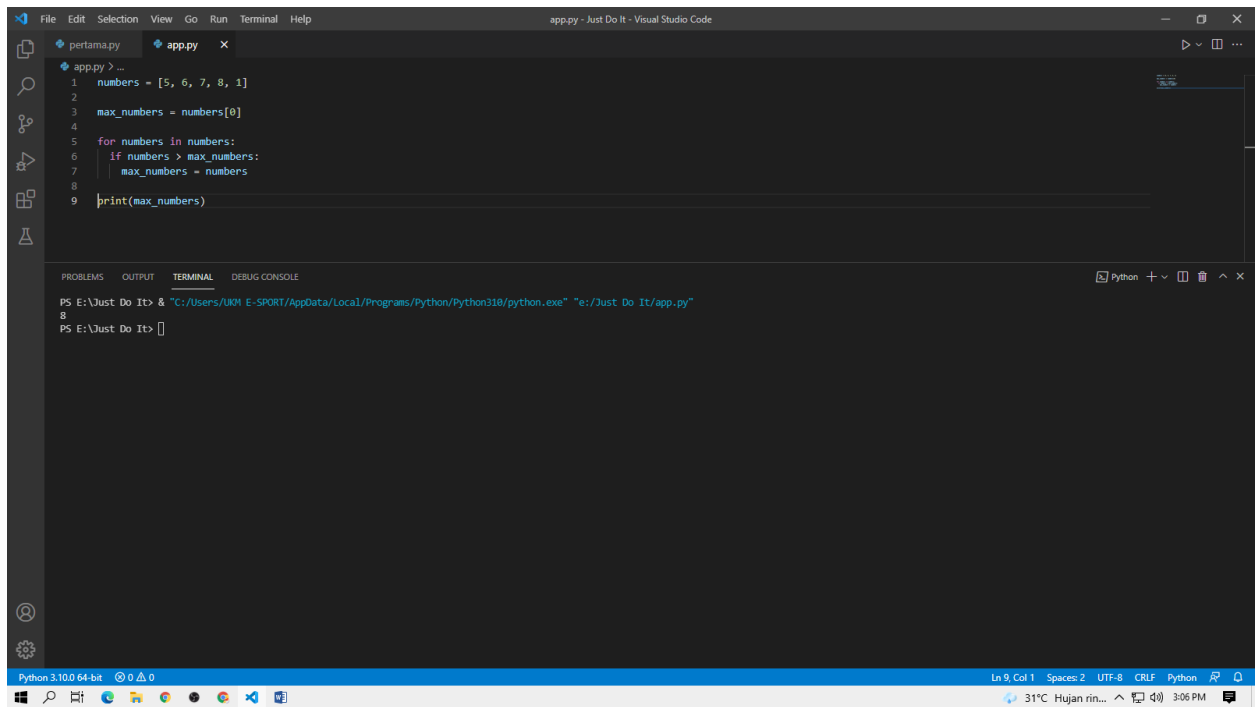
The output of the script is:

```
[5, 6, 7, 8, 1]  
[5, 6, 7, 8, 1, 99]  
[5, 6, 100, 7, 8, 1, 99]  
PS E:\Just Do It>
```

4. Menjumlahkan List



5. Mencari Angka Max



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

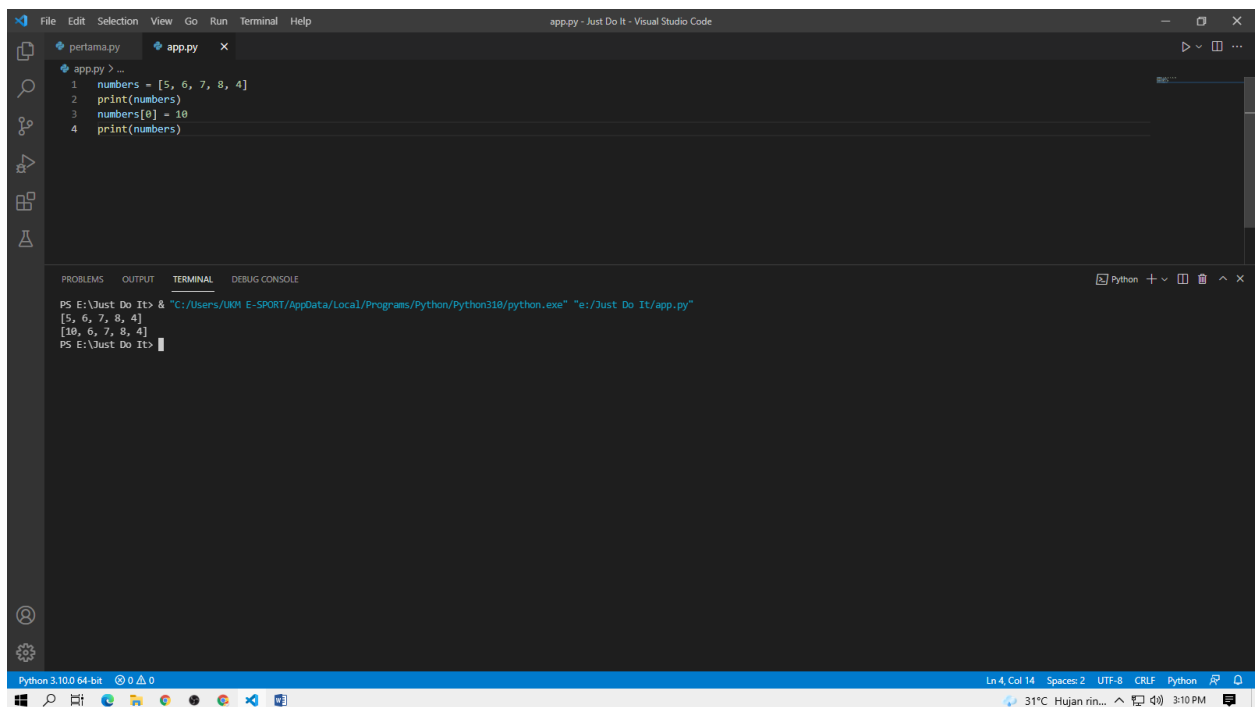
```
1 numbers = [5, 6, 7, 8, 1]
2
3 max_numbers = numbers[0]
4
5 for numbers in numbers:
6     if numbers > max_numbers:
7         max_numbers = numbers
8
9 print(max_numbers)
```

The terminal window at the bottom shows the command to run the script and its output:

```
PS E:\Just Do It> & "C:/Users/UKM E-SPORT/AppData/Local/Programs/Python/Python310/python.exe" "e:/Just Do It/app.py"
8
PS E:\Just Do It>
```

The status bar at the bottom indicates the Python version is 3.10.0 64-bit, and the current cursor position is Line 9, Column 1.

6. Tuple



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

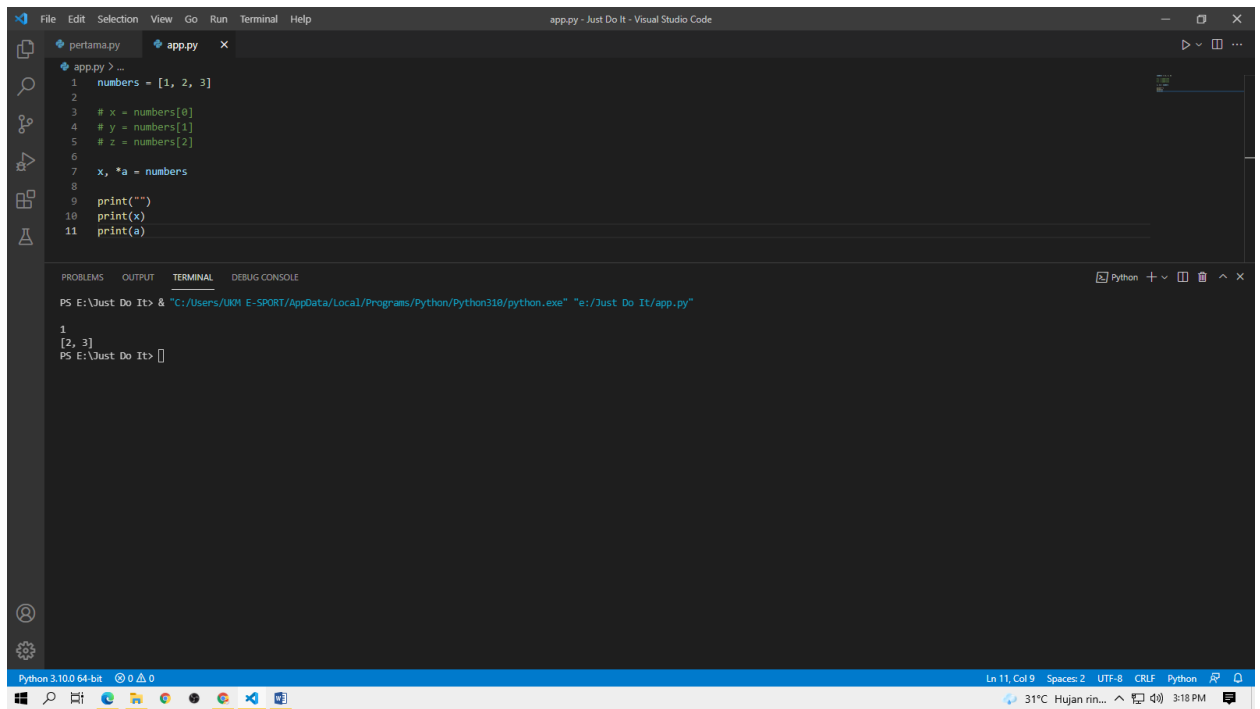
```
1 numbers = [5, 6, 7, 8, 4]
2 print(numbers)
3 numbers[0] = 10
4 print(numbers)
```

The terminal window at the bottom shows the command to run the script and its output:

```
PS E:\Just Do It> & "C:/Users/UKM E-SPORT/AppData/Local/Programs/Python/Python310/python.exe" "e:/Just Do It/app.py"
[5, 6, 7, 8, 4]
[10, 6, 7, 8, 4]
PS E:\Just Do It>
```

The status bar at the bottom indicates the Python version is 3.10.0 64-bit, and the current cursor position is Line 4, Column 14.

7. Unpack



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

```
1 numbers = [1, 2, 3]
2
3 # x = numbers[0]
4 # y = numbers[1]
5 # z = numbers[2]
6
7 x, *a = numbers
8
9 print("")
10 print(x)
11 print(a)
```

Below the editor, the TERMINAL panel is active, showing the command to run the script and its output:

```
PS E:\Just Do It> & "C:/Users/UM01 E-SPORT/AppData/Local/Programs/Python/Python318/python.exe" "e:/Just Do It/app.py"
1
[2, 3]
PS E:\Just Do It>
```

The status bar at the bottom indicates the Python version is 3.10.0 64-bit, and the current cursor position is Line 11, Column 9.

8. Dictionary

