

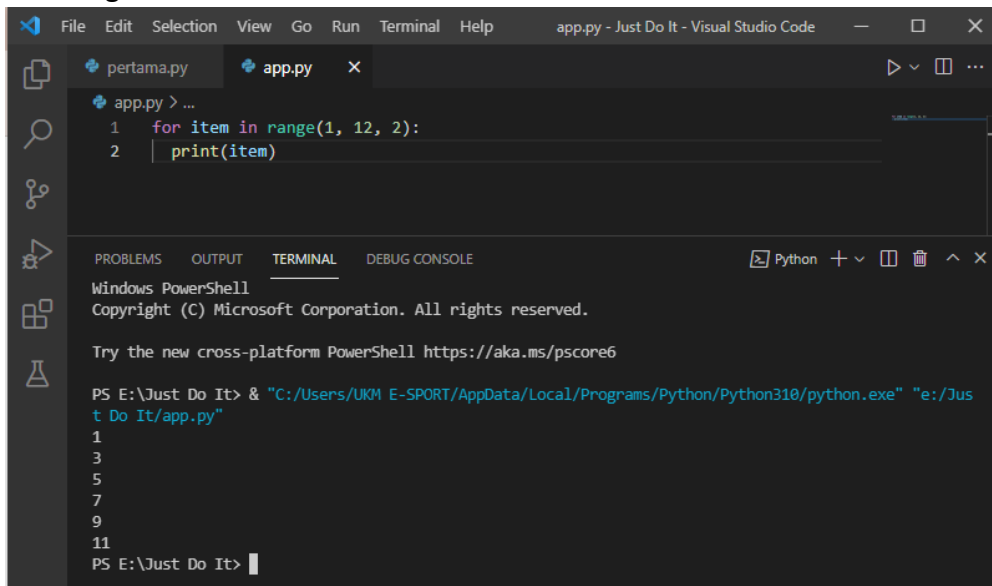
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Kelas : AI-3B

NIM : 20.01.013.017

TUGAS PYTHON 4

1. Perulangan For



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

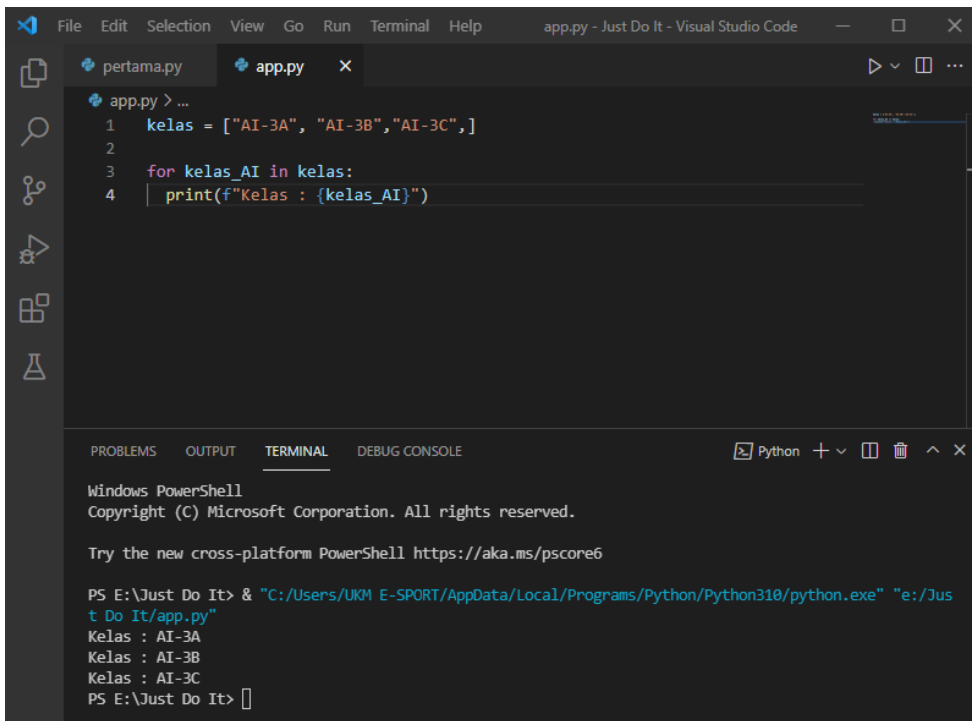
Below the editor is the TERMINAL panel, which shows the output of running the script. The terminal text is as follows:

```
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}")
```

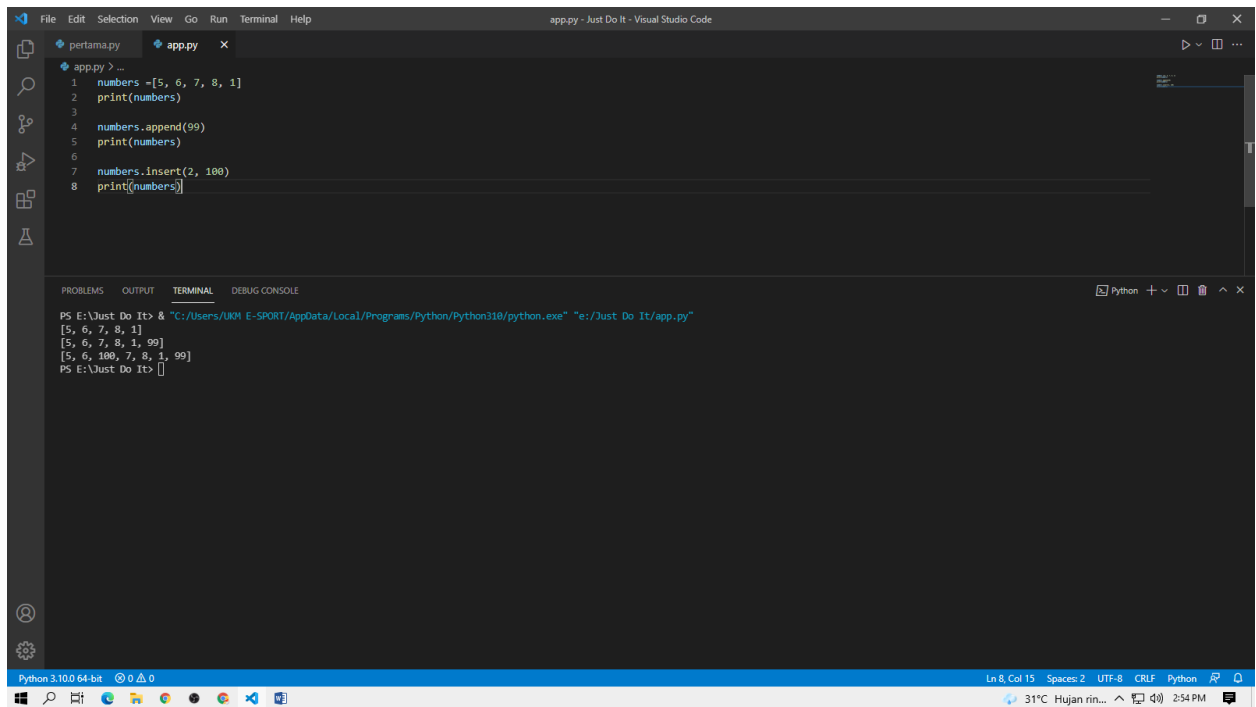
Below the editor is the TERMINAL panel, which shows the output of running the script. The terminal text is as follows:

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

3. List Method



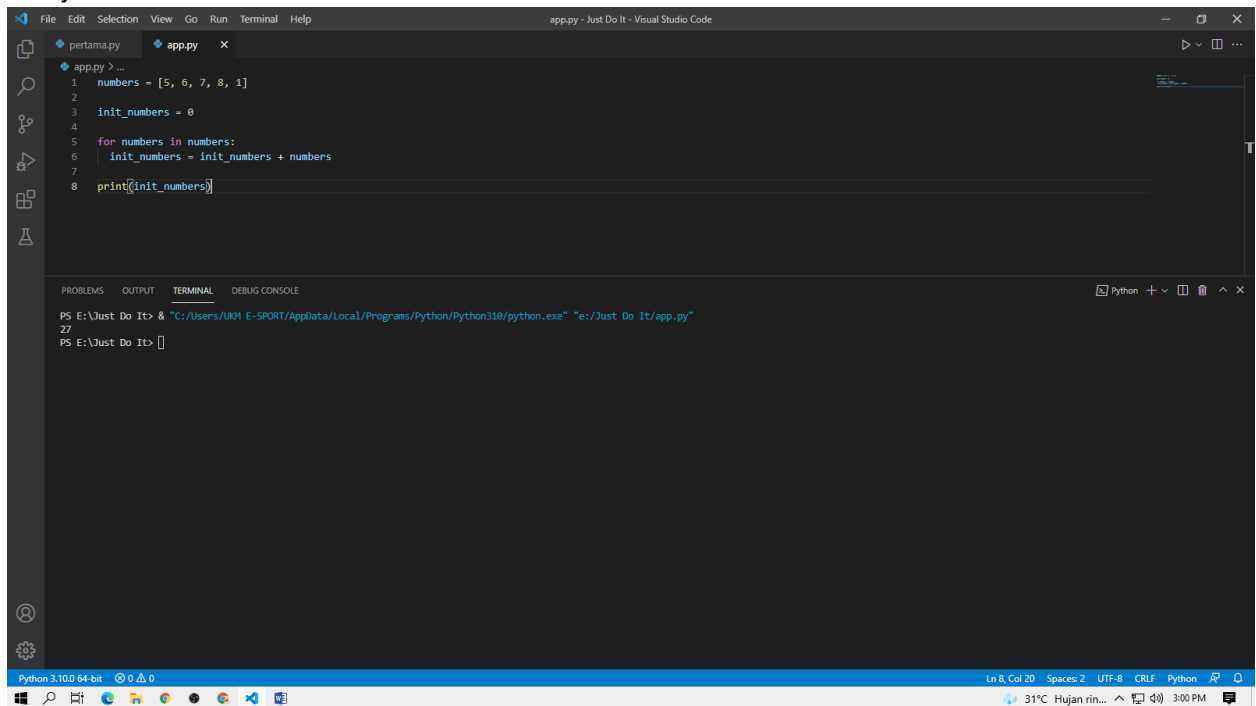
The screenshot shows the Visual Studio Code editor with a file named `app.py` open. The code in the editor is as follows:

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

The terminal window at the bottom shows the output of running the script:

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

4. Menjumlahkan List



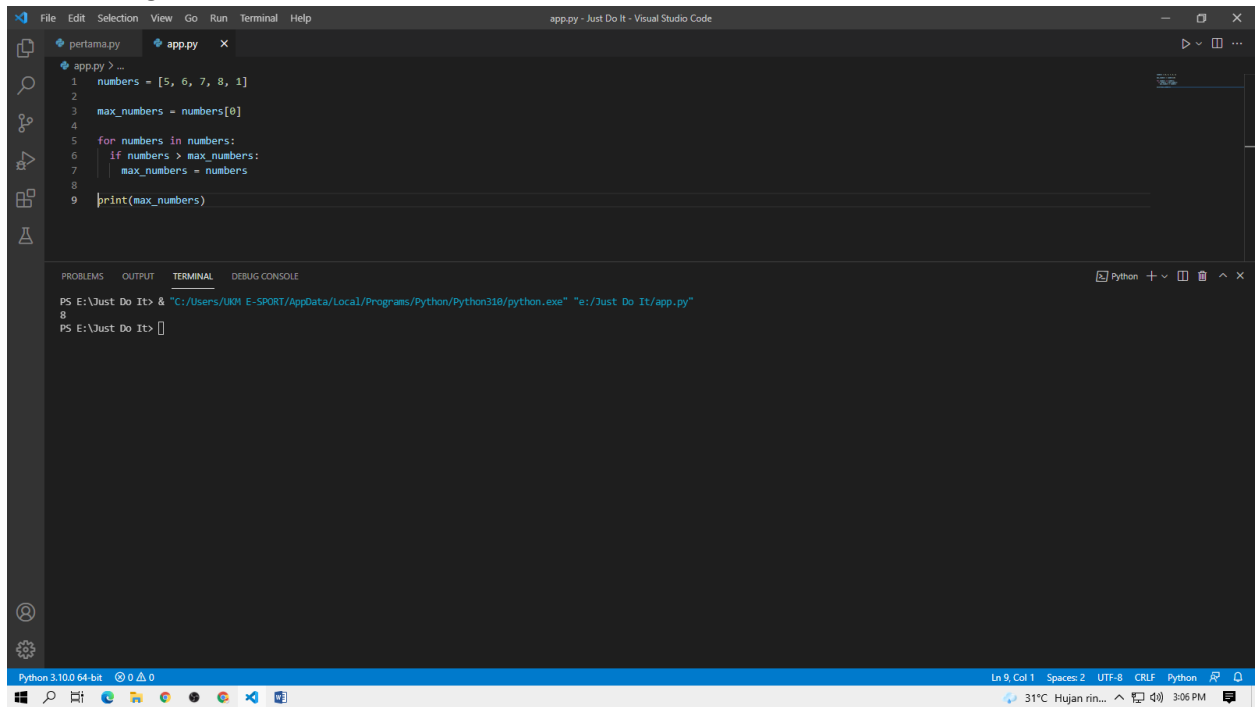
The screenshot shows the Visual Studio Code editor with a file named `app.py` open. The code in the editor is as follows:

```
1 numbers = [5, 6, 7, 8, 1]
2 init_numbers = 0
3
4
5 for numbers in numbers:
6     init_numbers = init_numbers + numbers
7
8 print(init_numbers)
```

The terminal window at the bottom shows the output of running the script:

```
PS E:\Just Do It> "C:/Users/UKM E-SPORT/AppData/Local/Programs/Python/Python310/python.exe" "e:/Just Do It/app.py"
27
PS E:\Just Do It>
```

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:

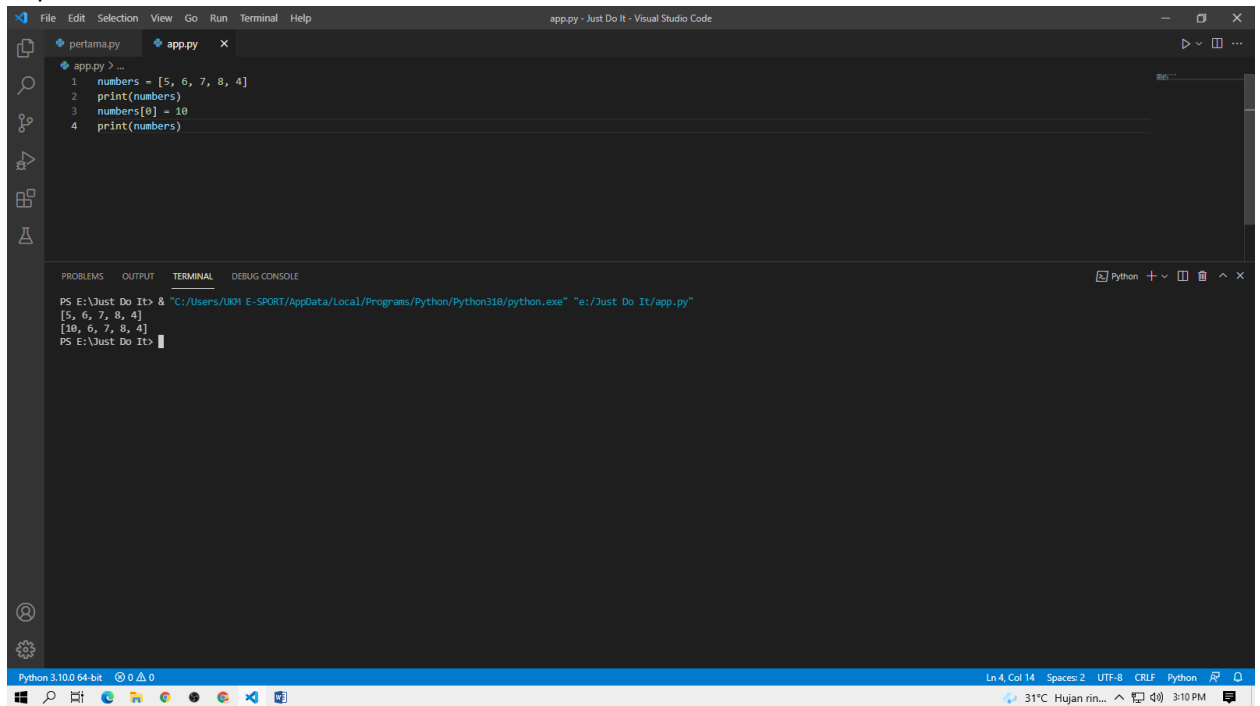
```
1 numbers = [5, 6, 7, 8, 1]
2
3 max_numbers = numbers[0]
4
5 for numbers in numbers:
6     if numbers > max_numbers:
7         max_numbers = numbers
8
9 print(max_numbers)
```

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

```
PS E:\Just Do It> "C:/Users/UMM E-SPORT/AppData/Local/Programs/Python/Python318/python.exe" "e:/Just Do It/app.py"
8
PS E:\Just Do It>
```

The status bar at the bottom indicates the file is at line 9, column 1, with 2 spaces, UTF-8 encoding, and CRLF line endings. The system tray shows a temperature of 31°C and the time 3:06 PM.

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

```
PS E:\Just Do It> "C:/Users/UMM E-SPORT/AppData/Local/Programs/Python/Python318/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 file is at line 4, column 14, with 2 spaces, UTF-8 encoding, and CRLF line endings. The system tray shows a temperature of 31°C and the time 3:10 PM.

8. Dictionary