

Pengulangan for

The screenshot shows the Visual Studio Code interface with a Python file named `perulangan for.py` open. The code in the editor is:

```
1 name = "baharun"
2
3 for item in name:
4     print(item)
```

The terminal at the bottom shows the command prompt output:

```
PS D:\Tugas Python> d:; cd 'd:\Tugas Python'; & 'C:\Users\lenovo\AppData\Local\Programs\Python\Python310\python.exe' 'c:\Users\lenovo\.vscode\extensions\ms-python.python-2022.16.1\pythonFiles\lib\python\debugpy\adapter\..\..\debugpy\launcher' '9472' '-...' 'd:\Tugas Python\perulangan for.py'
b
a
h
a
r
u
n
PS D:\Tugas Python>
```

An error message is displayed in the terminal: `IndentationError: expected an indented block after 'for' statement on line 3`. The status bar at the bottom indicates the file is at line 4, column 15, with 4 spaces, using UTF-8 encoding and CRLF line endings. The system tray shows the time as 2:38 and the date as 16/10/2022.

The screenshot shows the Visual Studio Code interface with the same Python file `perulangan for.py`. The code in the editor is:

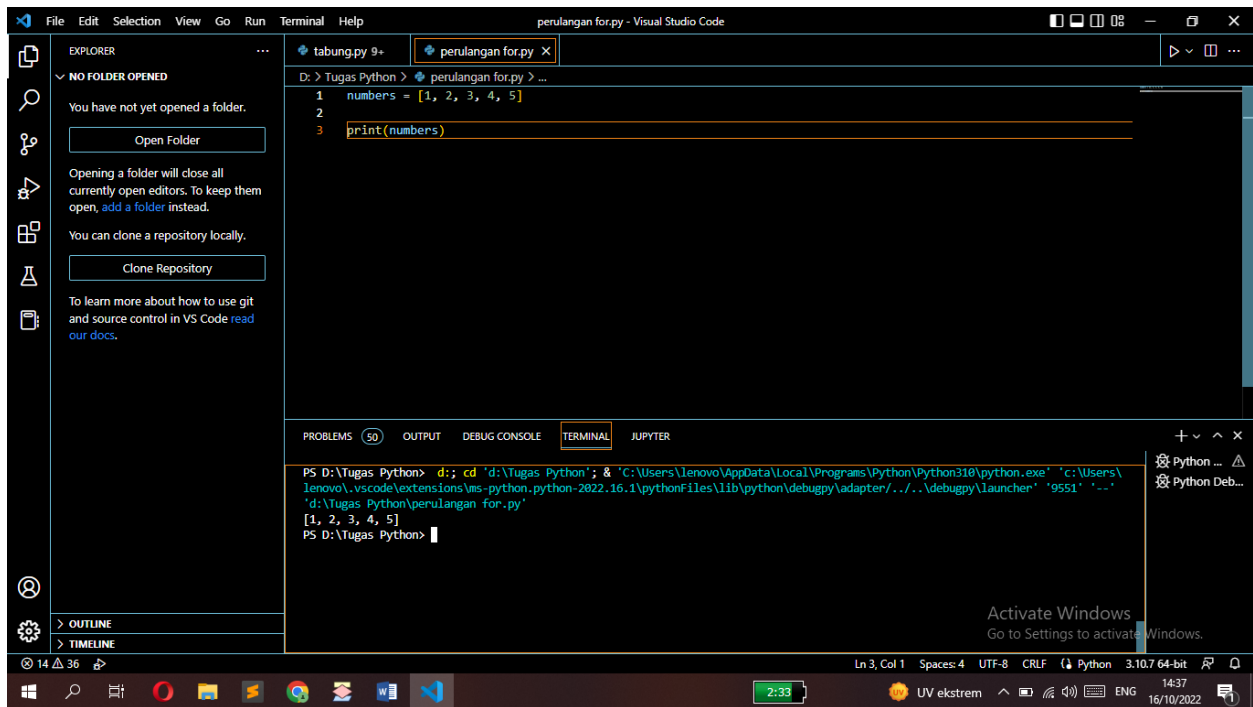
```
1 numbers = [1, 2, 3, 4, 5]
2
3 for item in numbers:
4     print(item)
```

The terminal at the bottom shows the command prompt output:

```
PS D:\Tugas Python> d:; cd 'd:\Tugas Python'; & 'C:\Users\lenovo\AppData\Local\Programs\Python\Python310\python.exe' 'c:\Users\lenovo\.vscode\extensions\ms-python.python-2022.16.1\pythonFiles\lib\python\debugpy\adapter\..\..\debugpy\launcher' '9512' '-...' 'd:\Tugas Python\perulangan for.py'
1
2
3
4
5
PS D:\Tugas Python>
```

The status bar at the bottom indicates the file is at line 1, column 24, with 4 spaces, using UTF-8 encoding and CRLF line endings. The system tray shows the time as 2:32 and the date as 16/10/2022.

List



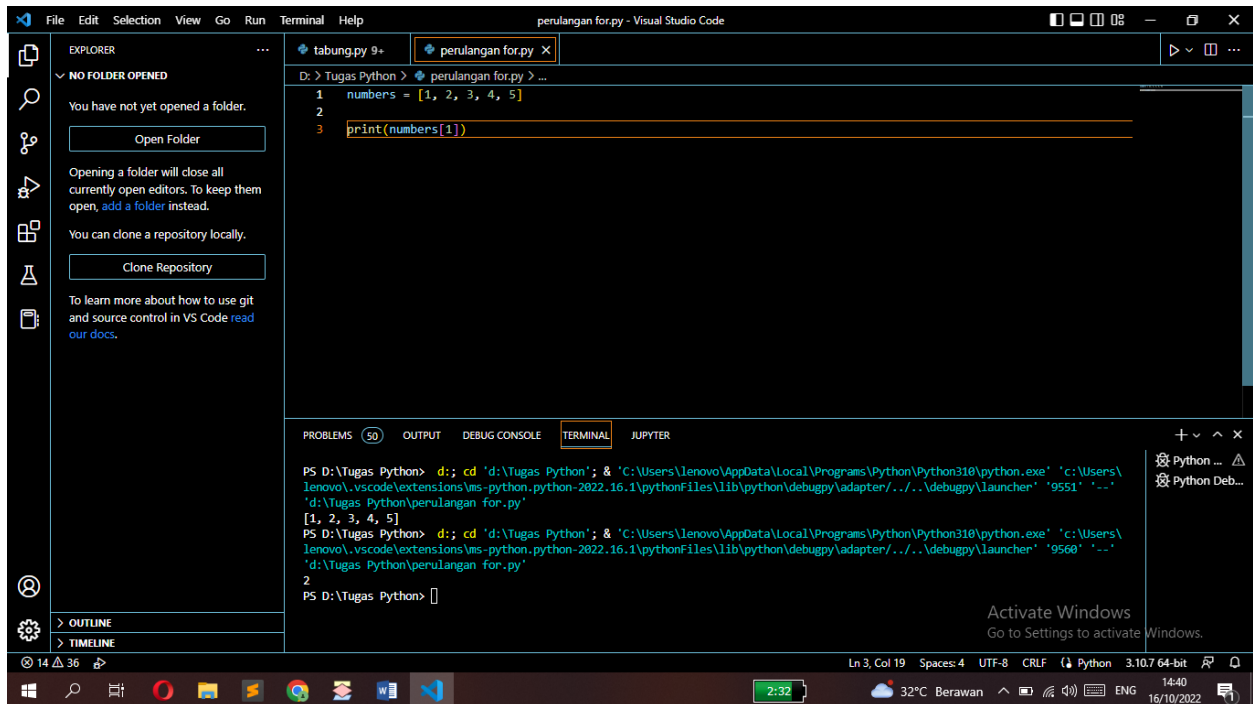
This screenshot shows the Visual Studio Code interface with a Python file named 'perulangan for.py' open. The Explorer sidebar on the left indicates 'NO FOLDER OPENED'. The main editor displays the following Python code:

```
1 numbers = [1, 2, 3, 4, 5]
2
3 print(numbers)
```

The TERMINAL panel at the bottom shows the command prompt output:

```
PS D:\Tugas Python> cd 'd:\Tugas Python'; & 'C:\Users\lenovo\AppData\Local\Programs\Python\Python310\python.exe' 'c:\Users\lenovo\.vscode\extensions\ms-python.python-2022.16.1\pythonFiles\lib\python\debugpy\adapter\..\..\debugpy\launcher' '9551' '-...' 'd:\Tugas Python\perulangan for.py'
[1, 2, 3, 4, 5]
PS D:\Tugas Python>
```

The status bar at the bottom indicates the file is at Line 3, Column 1, with 4 spaces, in UTF-8 encoding, using CRLF line endings, with the Python 3.10.7 64-bit interpreter selected. The system tray shows the time as 2:33 and the date as 16/10/2022.



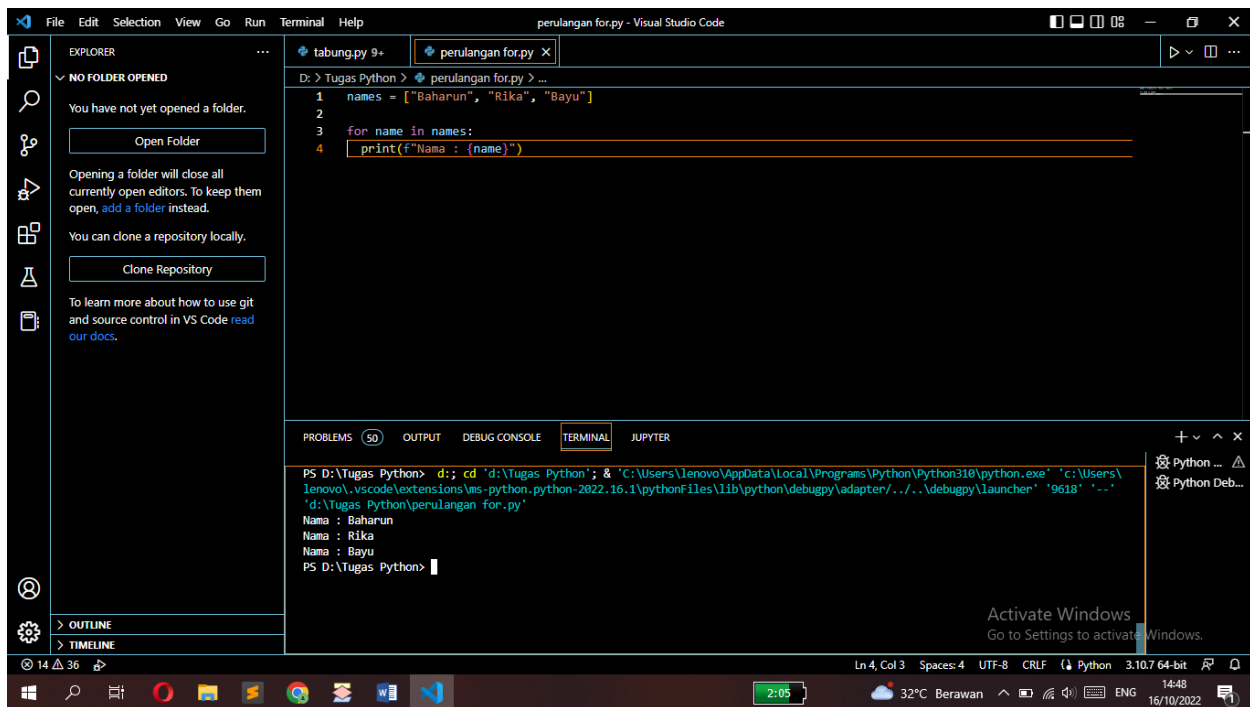
This screenshot shows the Visual Studio Code interface with the same Python file 'perulangan for.py'. The code in the editor is now:

```
1 numbers = [1, 2, 3, 4, 5]
2
3 print(numbers[1])
```

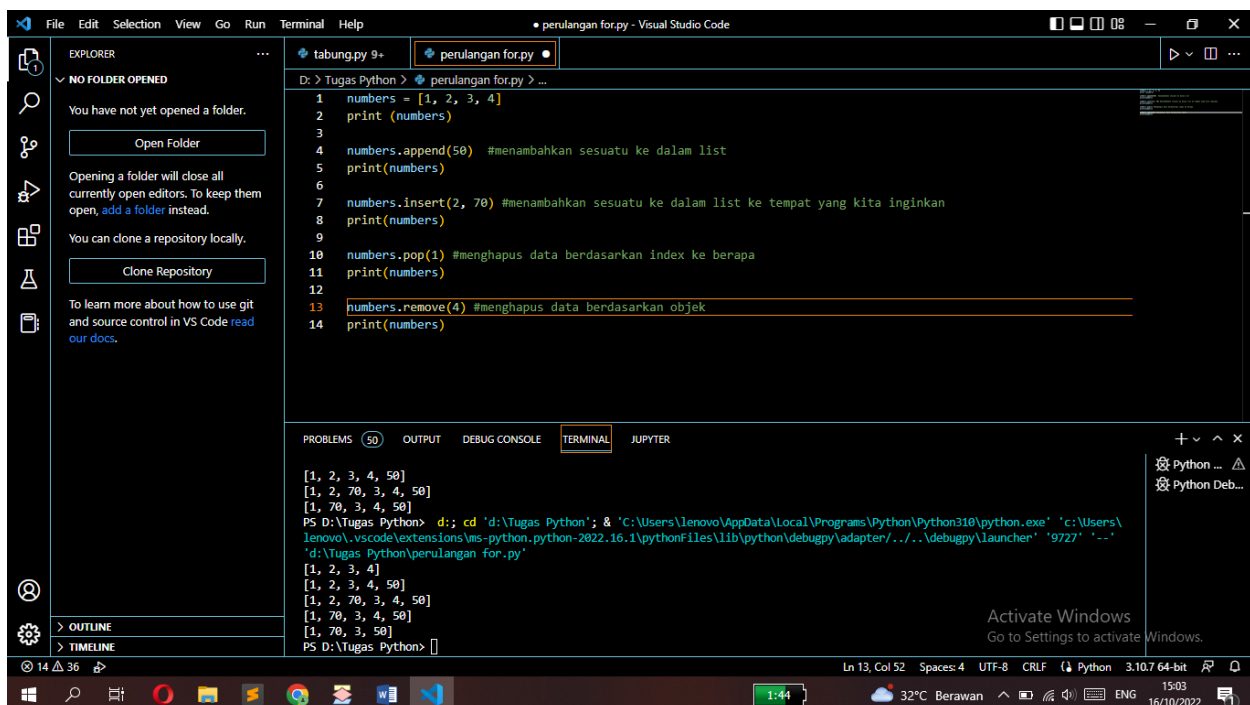
The TERMINAL panel shows the command prompt output:

```
PS D:\Tugas Python> cd 'd:\Tugas Python'; & 'C:\Users\lenovo\AppData\Local\Programs\Python\Python310\python.exe' 'c:\Users\lenovo\.vscode\extensions\ms-python.python-2022.16.1\pythonFiles\lib\python\debugpy\adapter\..\..\debugpy\launcher' '9551' '-...' 'd:\Tugas Python\perulangan for.py'
[1, 2, 3, 4, 5]
PS D:\Tugas Python> cd 'd:\Tugas Python'; & 'C:\Users\lenovo\AppData\Local\Programs\Python\Python310\python.exe' 'c:\Users\lenovo\.vscode\extensions\ms-python.python-2022.16.1\pythonFiles\lib\python\debugpy\adapter\..\..\debugpy\launcher' '9560' '-...' 'd:\Tugas Python\perulangan for.py'
2
PS D:\Tugas Python>
```

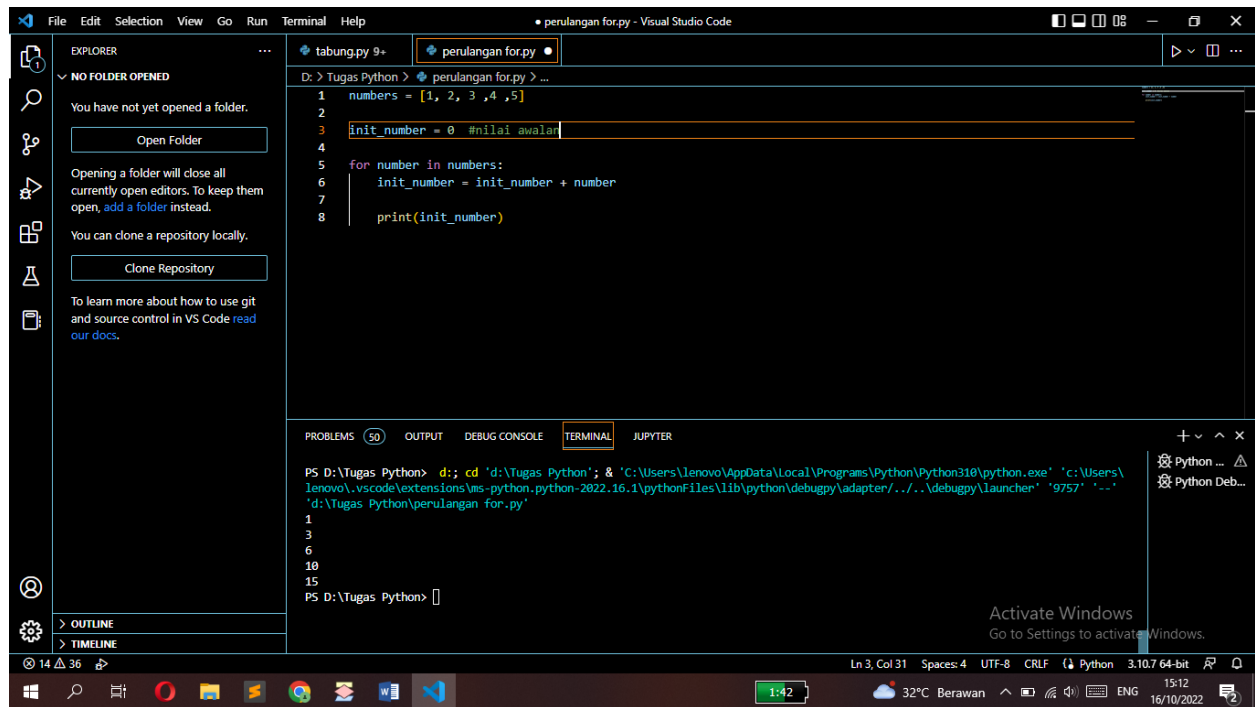
The status bar at the bottom indicates the file is at Line 3, Column 19, with 4 spaces, in UTF-8 encoding, using CRLF line endings, with the Python 3.10.7 64-bit interpreter selected. The system tray shows the time as 2:32 and the date as 16/10/2022.



List method



Menjumlahkan list



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

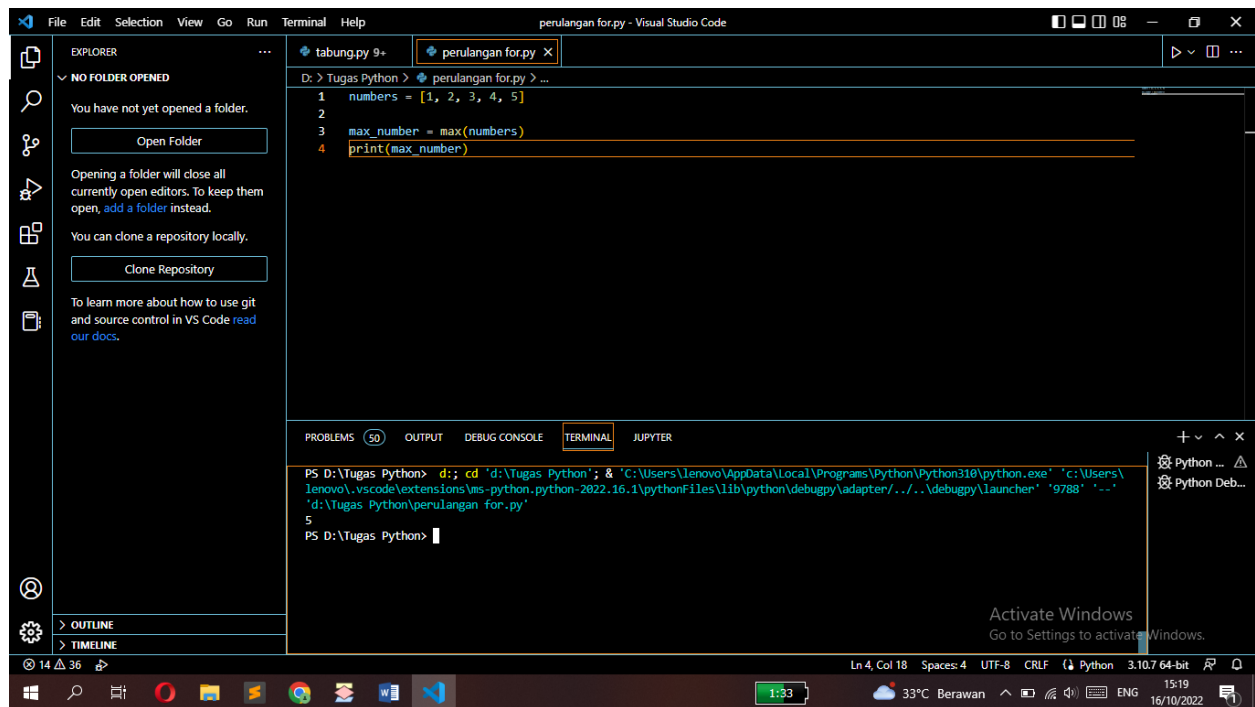
```
1 numbers = [1, 2, 3, 4, 5]
2
3 init_number = 0 #nilai awalan
4
5 for number in numbers:
6     init_number = init_number + number
7
8 print(init_number)
```

The terminal at the bottom shows the command prompt output:

```
PS D:\Tugas Python> cd 'd:\Tugas Python'; & 'C:\Users\lenovo\AppData\Local\Programs\Python\Python310\python.exe' 'c:\Users\lenovo\.vscode\extensions\ms-python.python-2022.16.1\pythonFiles\lib\python\debugpy\adapter\..\..\debugpy\launcher' '9757' '-...' 'd:\Tugas Python\perulangan for.py'
1
3
6
10
15
PS D:\Tugas Python>
```

The status bar at the bottom indicates the file is at Line 3, Column 31, with 4 spaces, using UTF-8 encoding and CRLF line endings. The system tray shows the time as 1:42 and the date as 16/10/2022.

Mencari angka max



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

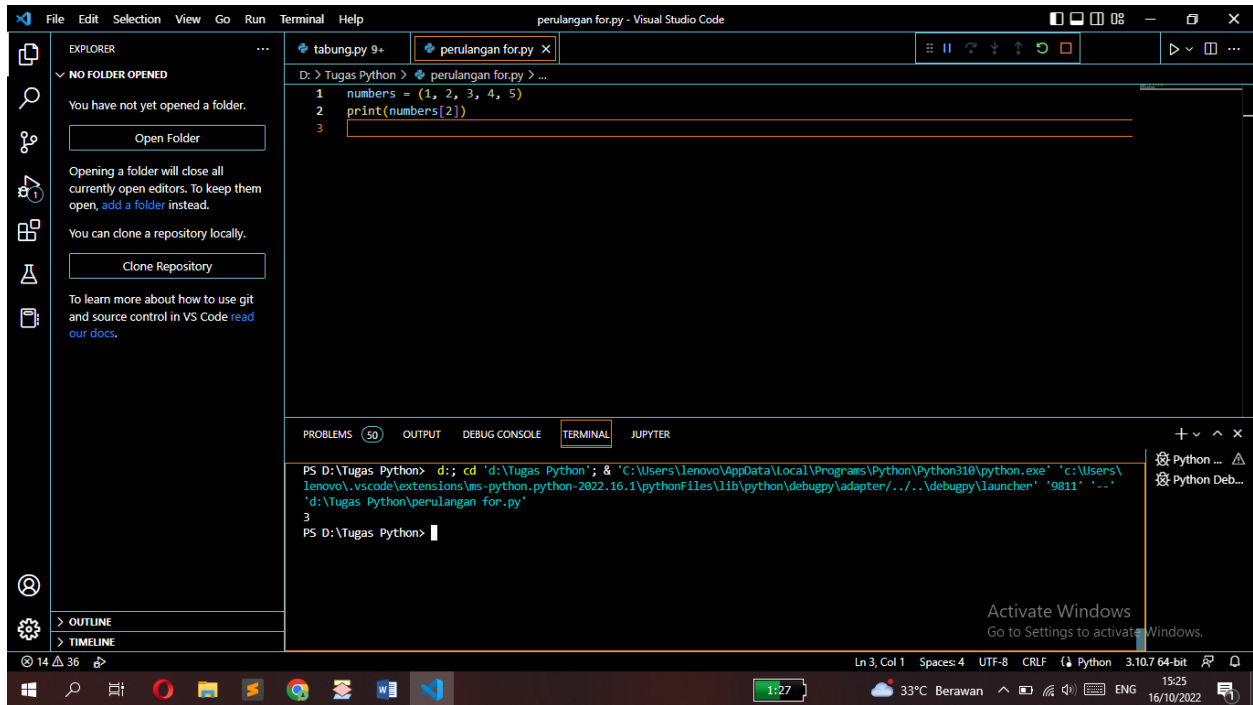
```
1 numbers = [1, 2, 3, 4, 5]
2
3 max_number = max(numbers)
4 print(max_number)
```

The terminal at the bottom shows the command prompt output:

```
PS D:\Tugas Python> cd 'd:\Tugas Python'; & 'C:\Users\lenovo\AppData\Local\Programs\Python\Python310\python.exe' 'c:\Users\lenovo\.vscode\extensions\ms-python.python-2022.16.1\pythonFiles\lib\python\debugpy\adapter\..\..\debugpy\launcher' '9788' '-...' 'd:\Tugas Python\perulangan for.py'
5
PS D:\Tugas Python>
```

The status bar at the bottom indicates the file is at Line 4, Column 18, with 4 spaces, using UTF-8 encoding and CRLF line endings. The system tray shows the time as 1:33 and the date as 16/10/2022.

Tuple



The screenshot shows the Visual Studio Code interface with a Python file named `perulangan for.py` open. The code in the editor is:

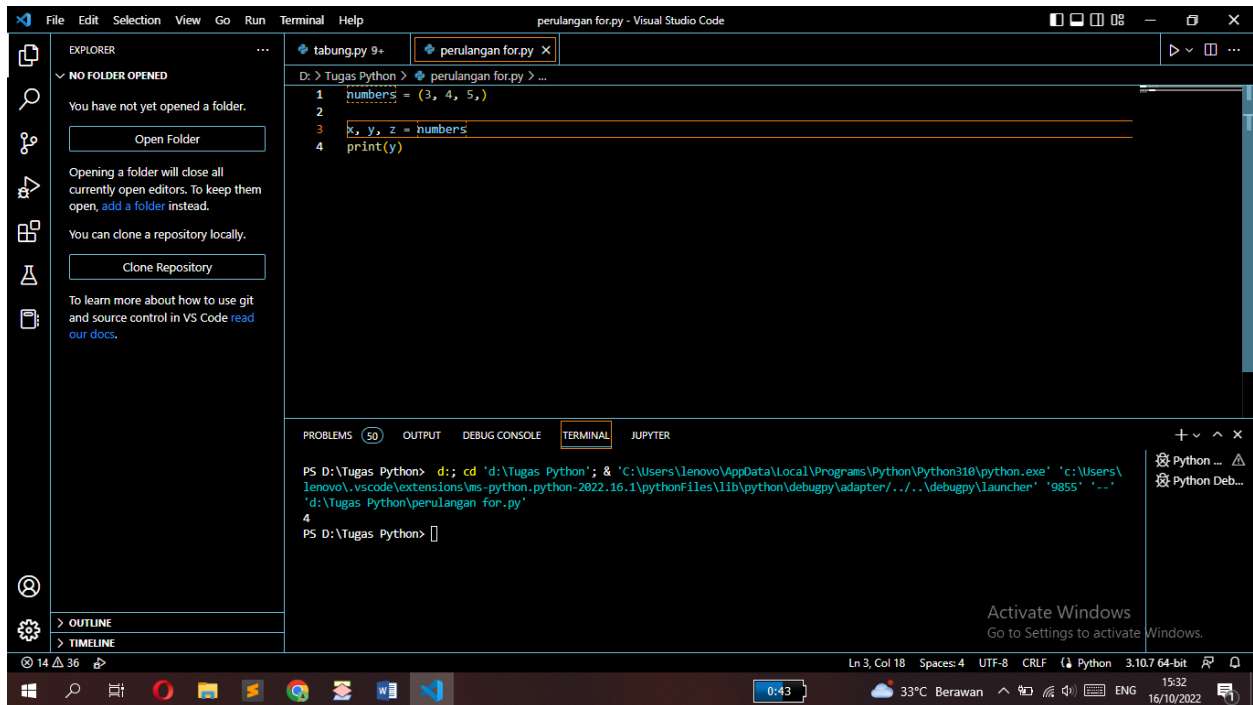
```
1 numbers = (1, 2, 3, 4, 5)
2 print(numbers[2])
3
```

The terminal at the bottom shows the command prompt output:

```
PS D:\Tugas Python> cd 'd:\Tugas Python'; & 'C:\Users\lenovo\AppData\Local\Programs\Python\Python310\python.exe' 'c:\Users\lenovo\.vscode\extensions\ms-python.python-2022.16.1\pythonFiles\lib\python\debugpy\adapter\..\..\debugpy\launcher' '9811' '-' 'd:\Tugas Python\perulangan for.py'
3
PS D:\Tugas Python>
```

The status bar at the bottom indicates the file is at Line 3, Column 1, with 4 spaces, UTF-8 encoding, CRLF line endings, and Python 3.10.7 64-bit.

Unpack



The screenshot shows the Visual Studio Code interface with a Python file named `perulangan for.py` open. The code in the editor is:

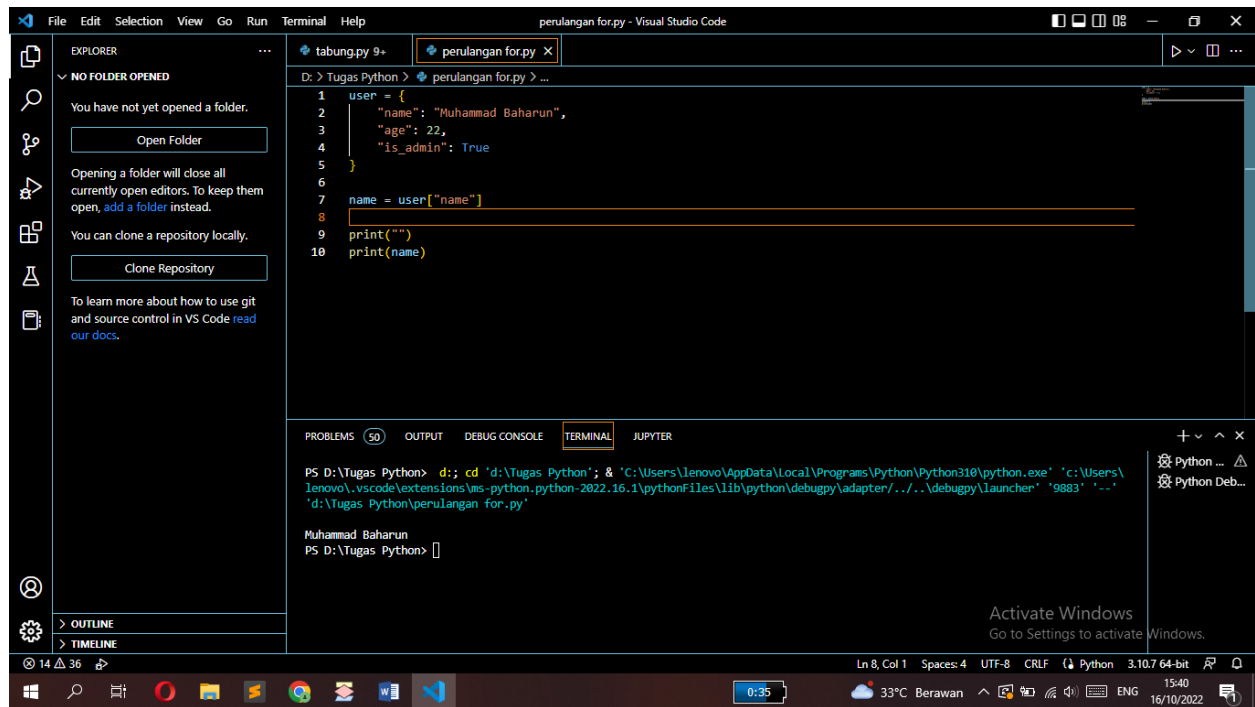
```
1 numbers = (3, 4, 5,)
2
3 x, y, z = numbers
4 print(y)
```

The terminal at the bottom shows the command prompt output:

```
PS D:\Tugas Python> cd 'd:\Tugas Python'; & 'C:\Users\lenovo\AppData\Local\Programs\Python\Python310\python.exe' 'c:\Users\lenovo\.vscode\extensions\ms-python.python-2022.16.1\pythonFiles\lib\python\debugpy\adapter\..\..\debugpy\launcher' '9855' '-' 'd:\Tugas Python\perulangan for.py'
4
PS D:\Tugas Python>
```

The status bar at the bottom indicates the file is at Line 3, Column 18, with 4 spaces, UTF-8 encoding, CRLF line endings, and Python 3.10.7 64-bit.

Dictionary



The screenshot shows the Visual Studio Code interface with a Python file named `perulangan for.py` open. The Explorer sidebar on the left indicates that no folder is currently opened. The main editor area displays the following Python code:

```
1 user = {
2     "name": "Muhammad Baharun",
3     "age": 22,
4     "is_admin": True
5 }
6
7 name = user["name"]
8
9 print("")
10 print(name)
```

Below the editor, the TERMINAL panel is active, showing the command prompt output:

```
PS D:\Tugas Python> d:; cd 'd:\Tugas Python'; & 'C:\Users\lenovo\AppData\Local\Programs\Python\Python310\python.exe' 'c:\Users\lenovo\.vscode\extensions\ms-python.python-2022.16.1\pythonFiles\lib\python\debugpy\adapter\...\debugpy\launcher' '9883' '-' 'd:\Tugas Python\perulangan for.py'

Muhammad Baharun
PS D:\Tugas Python>
```

The status bar at the bottom indicates the current position is Line 8, Column 1, with 4 spaces. The encoding is UTF-8, line endings are CRLF, and the interpreter is Python 3.10.7 64-bit. The system tray shows the time as 15:40 on 16/10/2022, with a temperature of 33°C in Berawan.