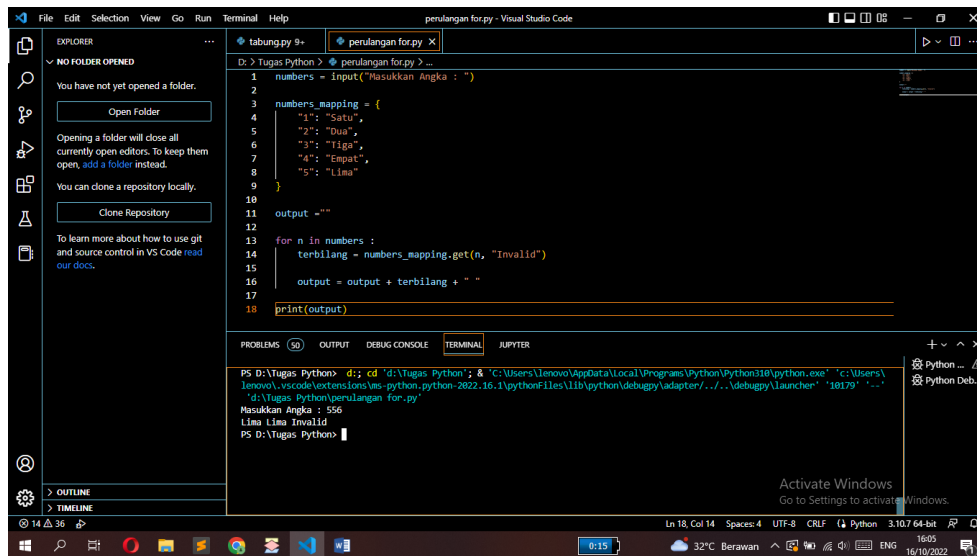


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Kelas : Pemrograman Python

NIM : 19.01.013.087

Aplikasi Terbilang



```
File Edit Selection View Go Run Terminal Help
perulangan for.py - Visual Studio Code

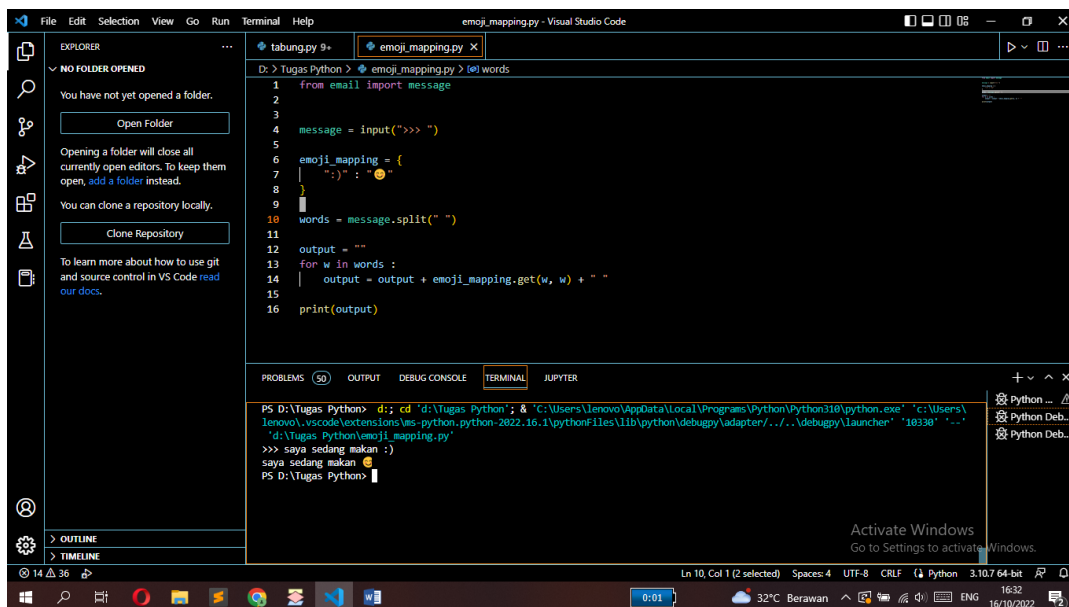
EXPLORER
NO FOLDER OPENED
You have not yet opened a folder.
Open Folder
Opening a folder will close all currently open editors. To keep them open, add a folder instead.
You can clone a repository locally.
Clone Repository
To learn more about how to use git and source control in VS Code read our docs.

perulangan for.py
1 numbers = input("Masukkan Angka : ")
2
3 numbers_mapping = {
4     "1": "Satu",
5     "2": "Dua",
6     "3": "Tiga",
7     "4": "Empat",
8     "5": "Lima"
9 }
10
11 output = ""
12
13 for n in numbers :
14     terbilang = numbers_mapping.get(n, "Invalid")
15     output = output + terbilang + " "
16
17
18 print(output)

PROBLEMS (50) OUTPUT DEBUG CONSOLE TERMINAL JUPYTER
PS D:\Tugas Python> 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' '18179' '-'
Masukkan Angka : 556
Lima Lima Invalid
PS D:\Tugas Python>

Activate Windows
Go to Settings to activate Windows.
```

Emoji konverter



```
File Edit Selection View Go Run Terminal Help
emoji_mapping.py - Visual Studio Code

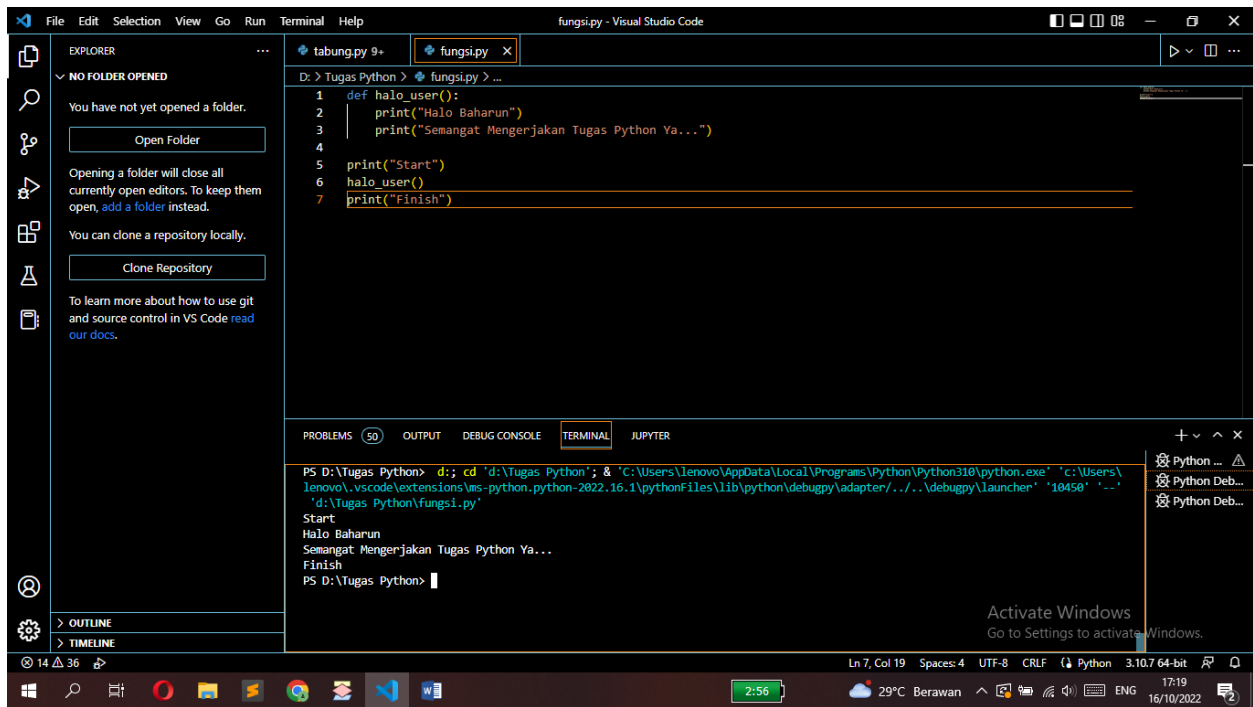
EXPLORER
NO FOLDER OPENED
You have not yet opened a folder.
Open Folder
Opening a folder will close all currently open editors. To keep them open, add a folder instead.
You can clone a repository locally.
Clone Repository
To learn more about how to use git and source control in VS Code read our docs.

emoji_mapping.py
1 from emoji import message
2
3
4 message = input(">>> ")
5
6 emoji_mapping = {
7     ":)": "😊"
8 }
9
10 words = message.split(" ")
11
12 output = ""
13 for w in words :
14     output = output + emoji_mapping.get(w, w) + " "
15
16 print(output)

PROBLEMS (50) OUTPUT DEBUG CONSOLE TERMINAL JUPYTER
PS D:\Tugas Python> 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' '18330' '-'
>>> saya sedang makan :)
saya sedang makan 😊
PS D:\Tugas Python>

Activate Windows
Go to Settings to activate Windows.
```

Fungsi



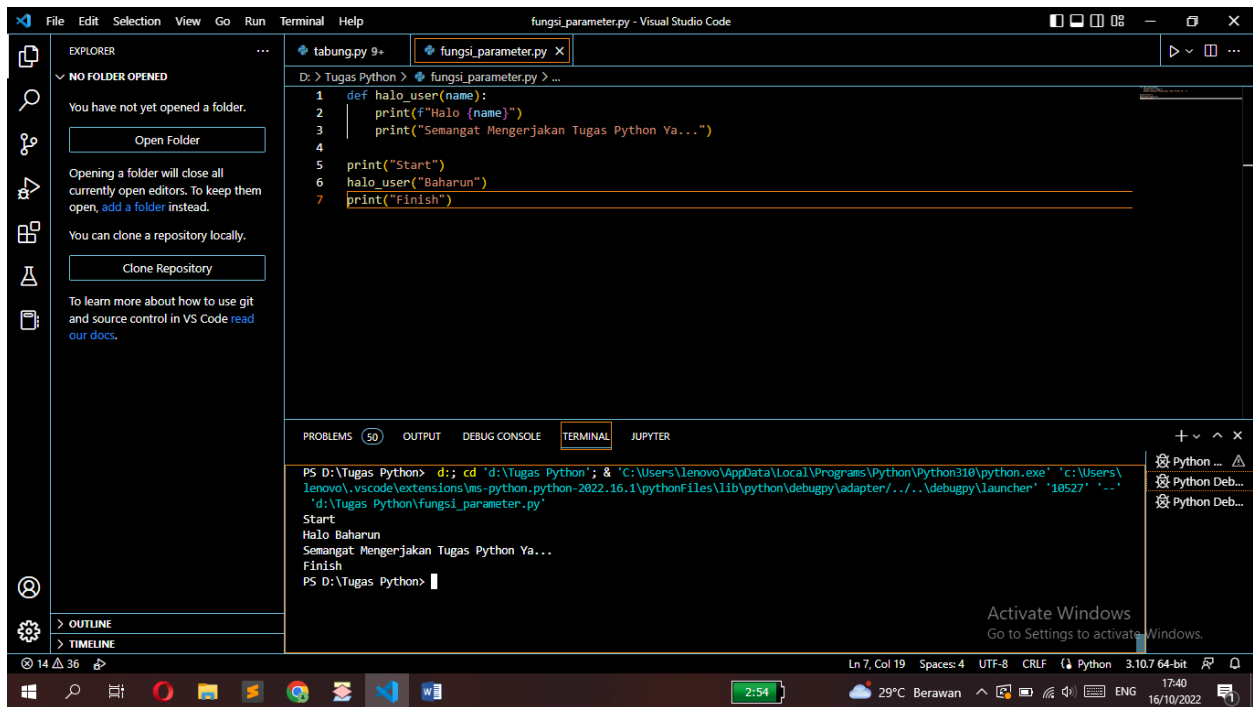
Visual Studio Code interface showing a Python file named `fungsi.py` with the following code:

```
1 def halo_user():
2     print("Halo Baharun")
3     print("Semangat Mengerjakan Tugas Python Ya...")
4
5     print("Start")
6     halo_user()
7     print("Finish")
```

The terminal output shows the execution of the script:

```
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' '18450' '-...' 'd:\Tugas Python\fungsi.py'
Start
Halo Baharun
Semangat Mengerjakan Tugas Python Ya...
Finish
PS D:\Tugas Python>
```

Parameter fungsi



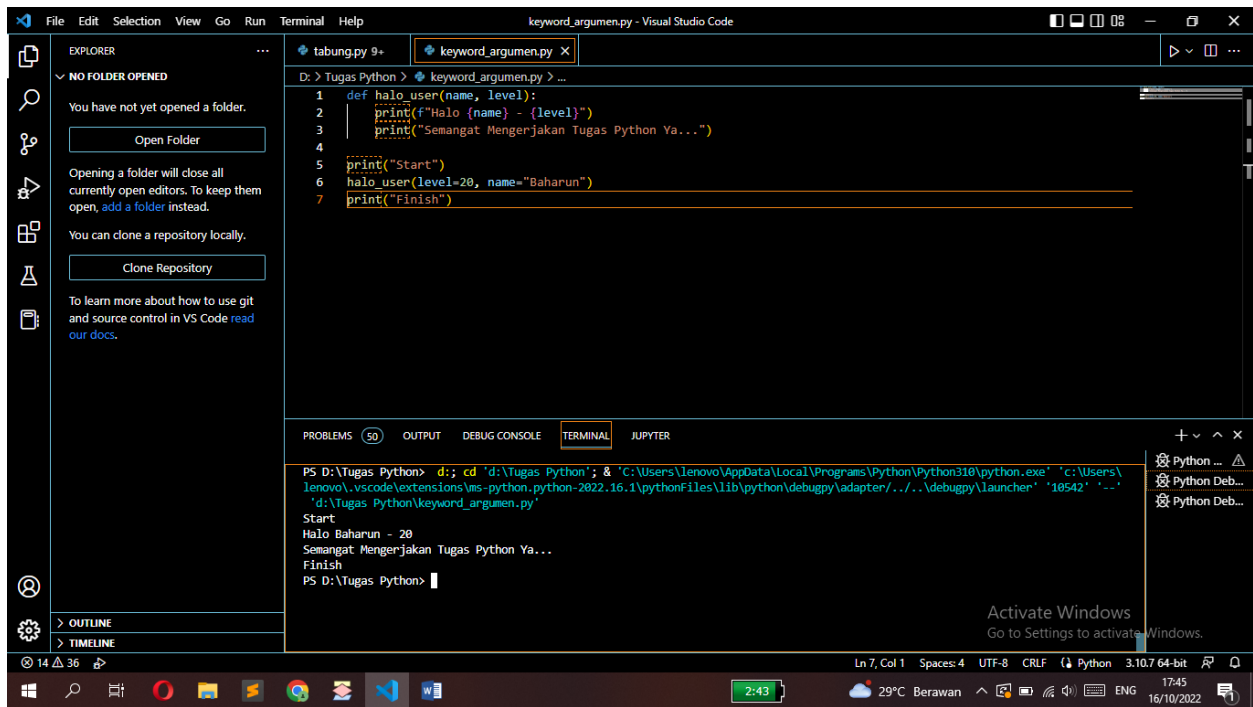
Visual Studio Code interface showing a Python file named `fungsi_parameter.py` with the following code:

```
1 def halo_user(name):
2     print(f"Halo {name}")
3     print("Semangat Mengerjakan Tugas Python Ya...")
4
5     print("Start")
6     halo_user("Baharun")
7     print("Finish")
```

The terminal output shows the execution of the script with the parameter `"Baharun"`:

```
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' '18527' '-...' 'd:\Tugas Python\fungsi_parameter.py'
Start
Halo Baharun
Semangat Mengerjakan Tugas Python Ya...
Finish
PS D:\Tugas Python>
```

Keyword argumen

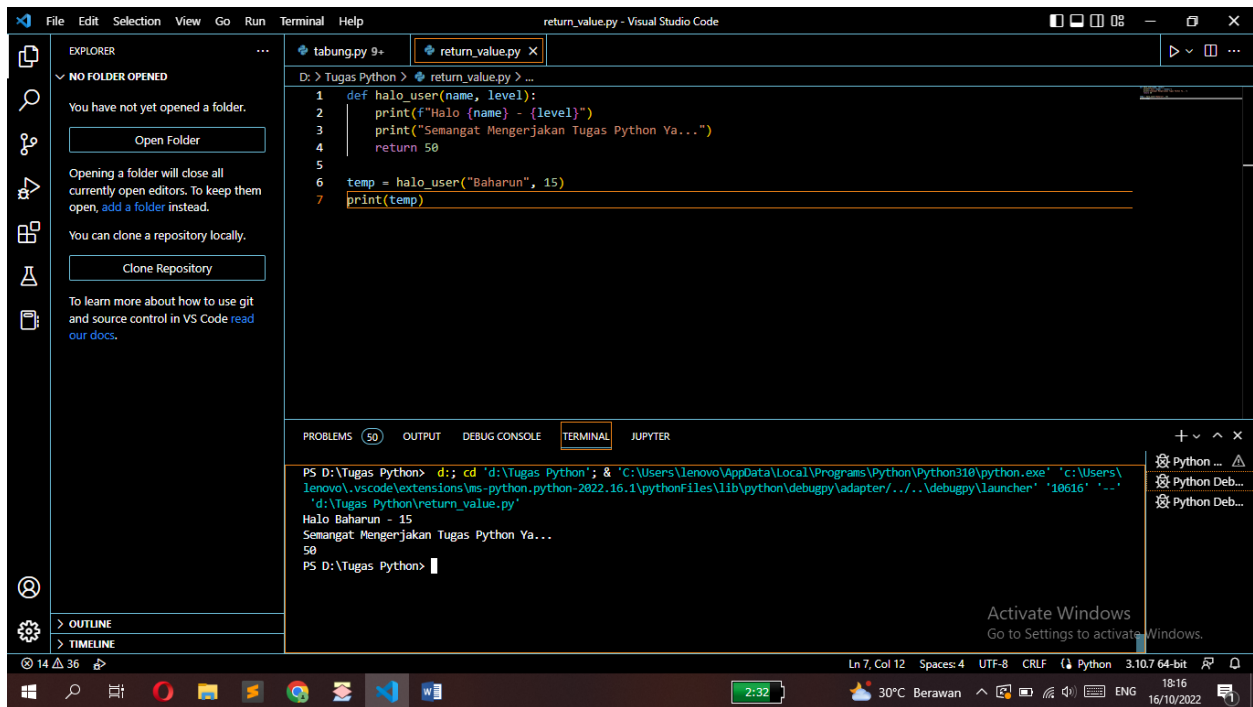


The screenshot shows the Visual Studio Code interface with a file named `keyword_argumen.py` open. The code defines a function `halo_user` that takes `name` and `level` as arguments. It prints a greeting and a motivational message. The function is then called with `level=20` and `name="Baharun"`. The terminal output shows the execution of the script, displaying the printed messages.

```
1 def halo_user(name, level):
2     print(f"Halo {name} - {level}")
3     print("Semangat Mengerjakan Tugas Python Ya...")
4
5     print("Start")
6     halo_user(level=20, name="Baharun")
7     print("Finish")
```

```
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' '10542' '-...' 'd:\Tugas Python\keyword_argumen.py'
Start
Halo Baharun - 20
Semangat Mengerjakan Tugas Python Ya...
Finish
PS D:\Tugas Python>
```

Return value



The screenshot shows the Visual Studio Code interface with a file named `return_value.py` open. The code defines a function `halo_user` that takes `name` and `level` as arguments. It prints a greeting and a motivational message, and then returns the value `50`. The function is then called with `level=15` and `name="Baharun"`, and the returned value is stored in the variable `temp` and printed.

```
1 def halo_user(name, level):
2     print(f"Halo {name} - {level}")
3     print("Semangat Mengerjakan Tugas Python Ya...")
4     return 50
5
6 temp = halo_user("Baharun", 15)
7 print(temp)
```

```
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' '10616' '-...' 'd:\Tugas Python\return_value.py'
Halo Baharun - 15
Semangat Mengerjakan Tugas Python Ya...
50
PS D:\Tugas Python>
```