

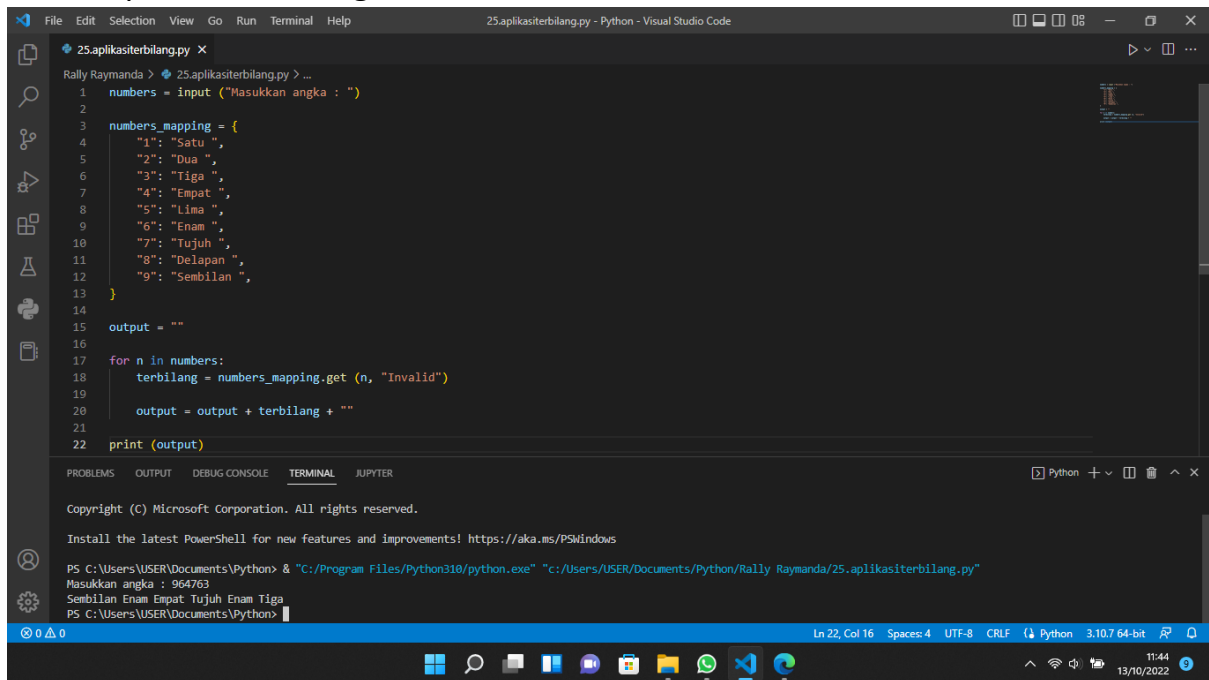
Nama : Rally Raymanda

Nim : 211001012

Kelas : D

## TUGAS KE – 3 (PY 5)

### 1. Aplikasi Terbilang



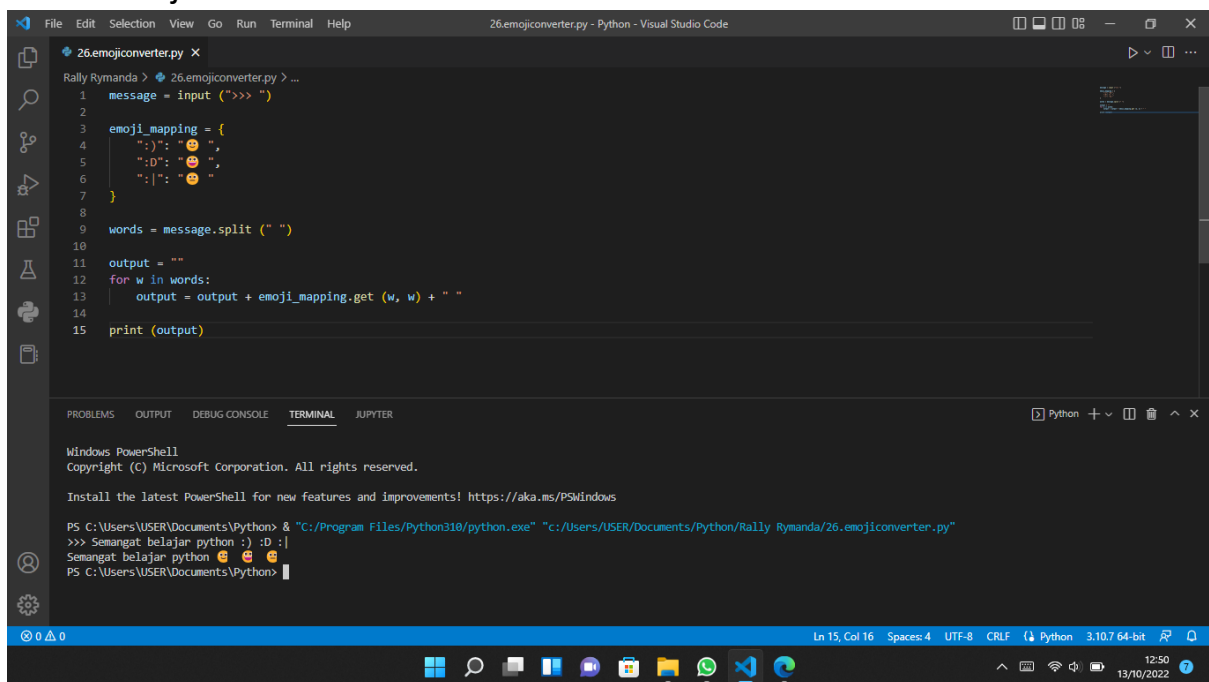
The screenshot shows a Visual Studio Code editor window with the file '25.aplikasiterbilang.py' open. The code is a Python script that takes an input number and converts it to Indonesian words using a dictionary. The terminal shows the execution of the script, which outputs the words for the number 964763.

```
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     "6": "Enam ",
10    "7": "Tujuh ",
11    "8": "Delapan ",
12    "9": "Sembilan ",
13 }
14
15 output = ""
16
17 for n in numbers:
18     terbilang = numbers_mapping.get (n, "Invalid")
19
20     output = output + terbilang + " "
21
22 print (output)
```

Terminal output:

```
PS C:\Users\USER\Documents\Python> "C:/Program Files/Python310/python.exe" "c:/Users/USER/Documents/Python/Rally Raymanda/25.aplikasiterbilang.py"
Masukkan angka : 964763
Sembilan Enam Empat Tujuh Enam Tiga
PS C:\Users\USER\Documents\Python>
```

### 2. Emoji Converter



The screenshot shows a Visual Studio Code editor window with the file '26.emojiconverter.py' open. The code is a Python script that takes an input message and converts it to a string of emojis based on a dictionary. The terminal shows the execution of the script, which outputs the emoji string for the message 'Sangat belajar python'.

```
1 message = input (">>> ")
2
3 emoji_mapping = {
4     ":)": "😊 ",
5     ":D": "😄 ",
6     ":|": "😐 "
7 }
8
9 words = message.split (" ")
10
11 output = ""
12 for w in words:
13     output = output + emoji_mapping.get (w, w) + " "
14
15 print (output)
```

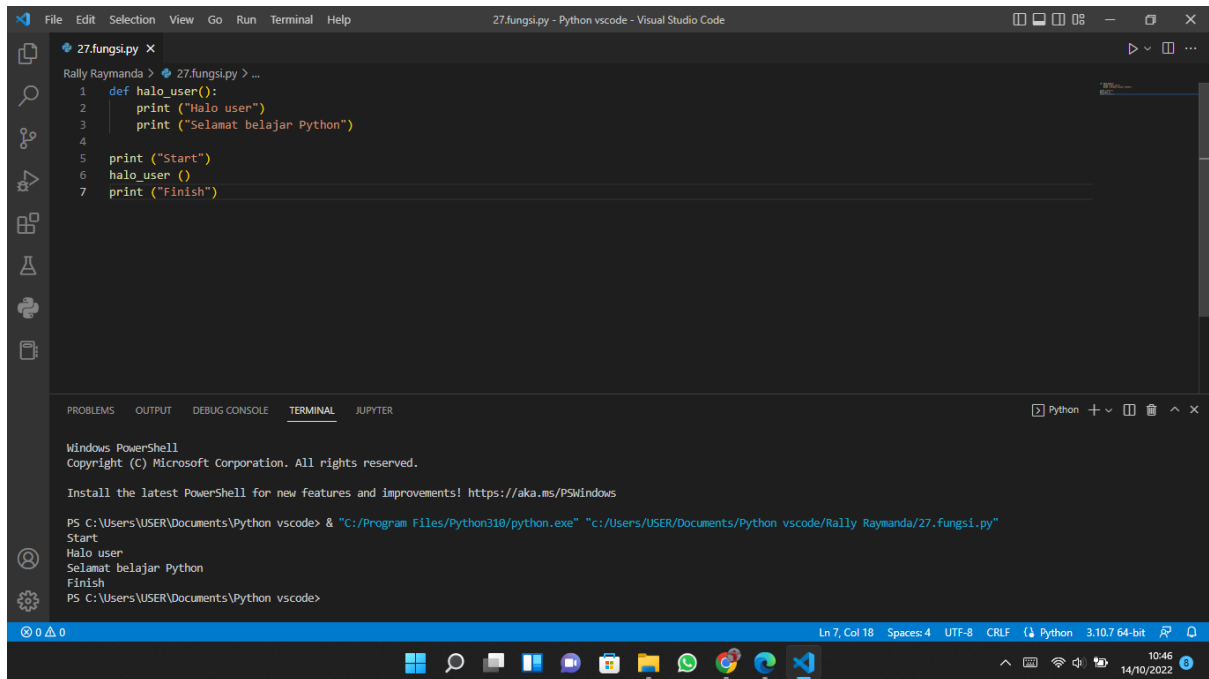
Terminal output:

```
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PS C:\Users\USER\Documents\Python> "C:/Program Files/Python310/python.exe" "c:/Users/USER/Documents/Python/Rally Raymanda/26.emojiconverter.py"
>>> Sangat belajar python :D :|
Sangat belajar python 😊 😄 😐
PS C:\Users\USER\Documents\Python>
```

### 3. Fungsi



The screenshot shows the Visual Studio Code interface with a file named `27.fungsi.py` open. The code defines a function `halo_user()` that prints "Halo user" and "Selamat belajar Python", followed by a `print("Start")`, a call to `halo_user()`, and a `print("Finish")`. The terminal at the bottom shows the command `python.exe "c:/Users/USER/Documents/Python vscode/Rally Raymunda/27.fungsi.py"` being executed, resulting in the output: `Start`, `Halo user`, `Selamat belajar Python`, and `Finish`.

```
1 def halo_user():
2     print("Halo user")
3     print("Selamat belajar Python")
4
5 print("Start")
6 halo_user()
7 print("Finish")
```

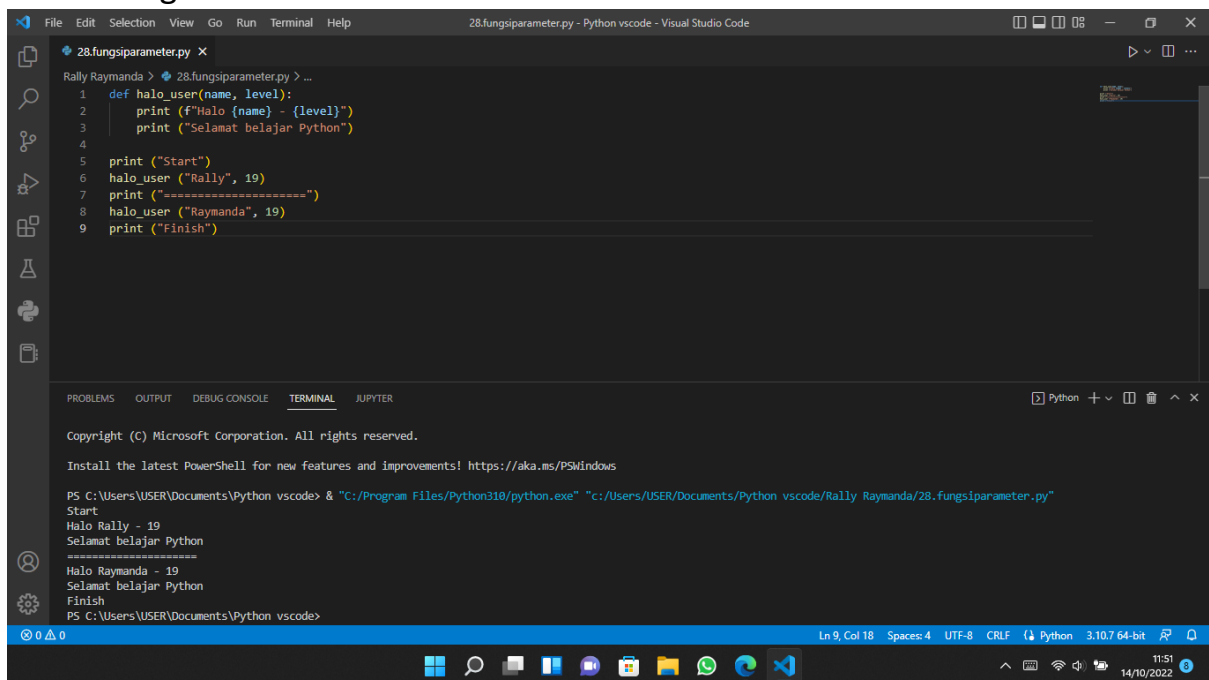
Windows PowerShell  
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PS C:\Users\USER\Documents\Python vscode> & "C:/Program Files/Python310/python.exe" "c:/Users/USER/Documents/Python vscode/Rally Raymunda/27.fungsi.py"

Start  
Halo user  
Selamat belajar Python  
Finish  
PS C:\Users\USER\Documents\Python vscode>

### 4. Fungsi Parameter



The screenshot shows the Visual Studio Code interface with a file named `28.fungsiparameter.py` open. The code defines a function `halo_user(name, level)` that prints "Halo {name} - {level}" and "Selamat belajar Python", followed by a `print("Start")`, calls to `halo_user("Rally", 19)` and `halo_user("Raymunda", 19)`, and a `print("Finish")`. The terminal at the bottom shows the command `python.exe "c:/Users/USER/Documents/Python vscode/Rally Raymunda/28.fungsiparameter.py"` being executed, resulting in the output: `Start`, `Halo Rally - 19`, `Selamat belajar Python`, `Halo Raymunda - 19`, `Selamat belajar Python`, and `Finish`.

```
1 def halo_user(name, level):
2     print(f"Halo {name} - {level}")
3     print("Selamat belajar Python")
4
5 print("Start")
6 halo_user("Rally", 19)
7 print("=====")
8 halo_user("Raymunda", 19)
9 print("Finish")
```

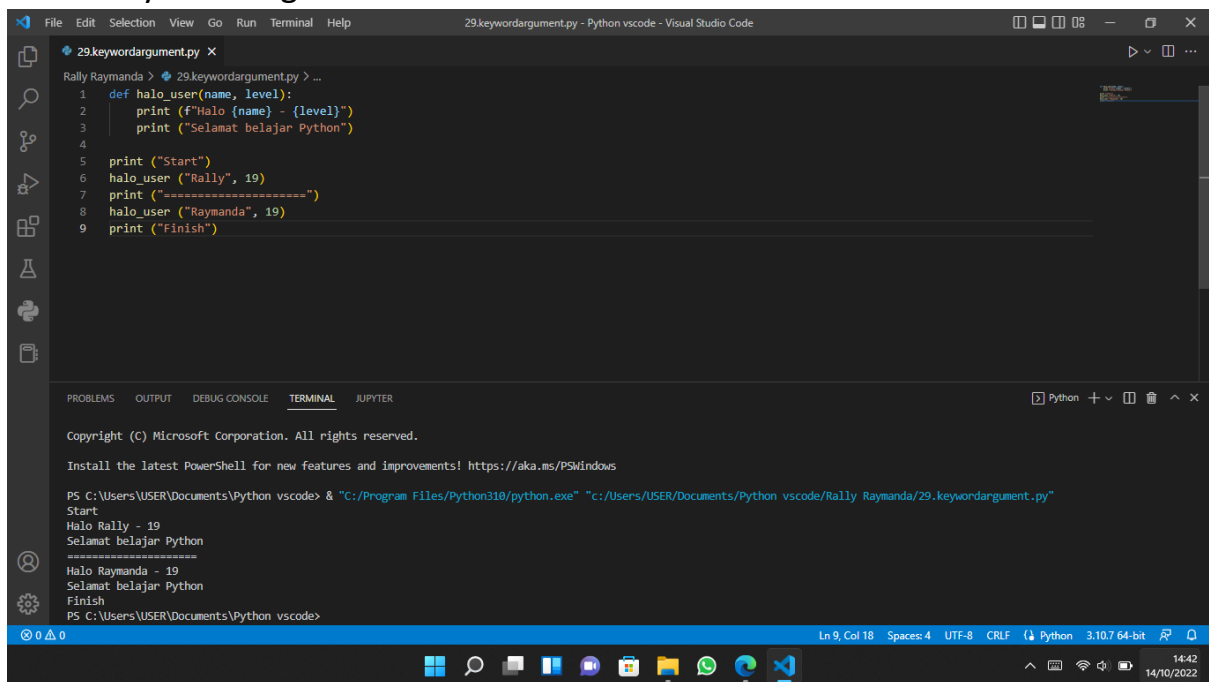
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PS C:\Users\USER\Documents\Python vscode> & "C:/Program Files/Python310/python.exe" "c:/Users/USER/Documents/Python vscode/Rally Raymunda/28.fungsiparameter.py"

Start  
Halo Rally - 19  
Selamat belajar Python  
=====  
Halo Raymunda - 19  
Selamat belajar Python  
Finish  
PS C:\Users\USER\Documents\Python vscode>

## 5. Keyword Argument



The screenshot shows the Visual Studio Code interface with a Python file named `29.keywordargument.py` open. The code defines a function `halo_user(name, level)` that prints a greeting and a message. It then calls the function with keyword arguments: `halo_user("Rally", 19)` and `halo_user("Raymanda", 19)`. The terminal output shows the execution of the script, displaying the expected output for each function call.

```
1 def halo_user(name, level):
2     print (f"Halo {name} - {level}")
3     print ("Selamat belajar Python")
4
5 print ("Start")
6 halo_user ("Rally", 19)
7 print ("=====")
8 halo_user ("Raymanda", 19)
9 print ("Finish")
```

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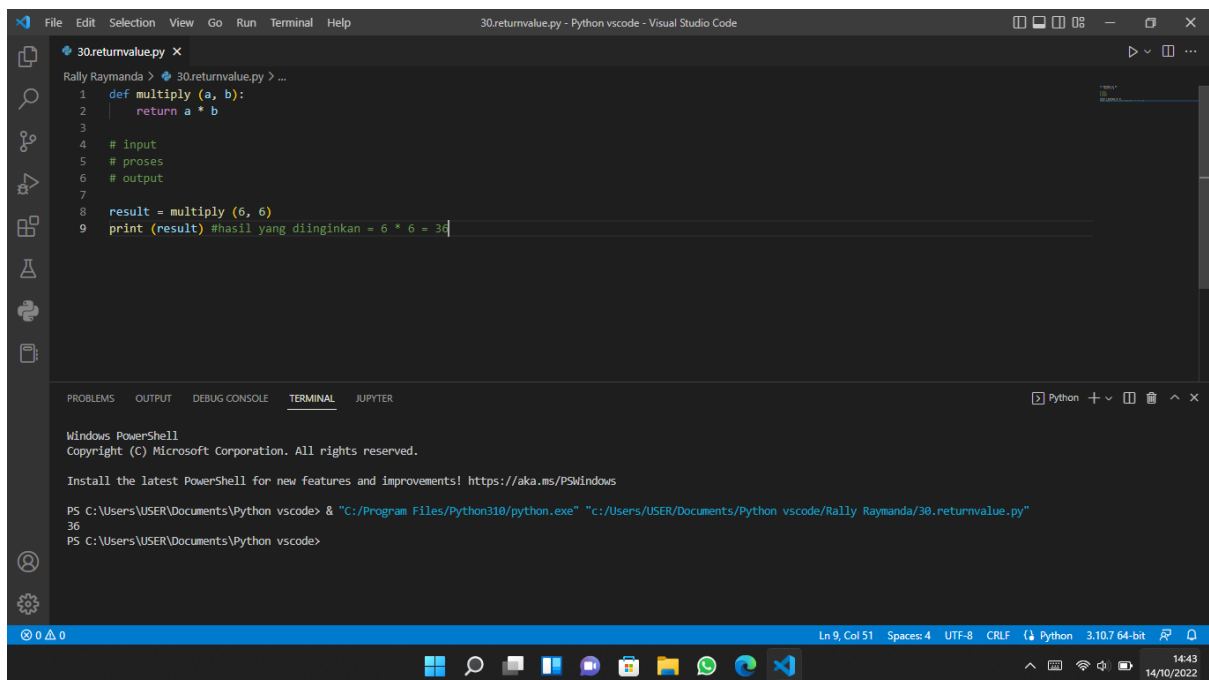
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PS C:\Users\USER\Documents\Python vscode> & "C:/Program Files/Python310/python.exe" "c:/Users/USER/Documents/Python vscode/Rally Raymanda/29.keywordargument.py"

Start  
Halo Rally - 19  
Selamat belajar Python  
=====

Halo Raymanda - 19  
Selamat belajar Python  
Finish  
PS C:\Users\USER\Documents\Python vscode>

## 6. Return Value



The screenshot shows the Visual Studio Code interface with a Python file named `30.returnValue.py` open. The code defines a function `multiply(a, b)` that returns the product of two numbers. It then calls the function with `multiply(6, 6)` and prints the result. The terminal output shows the execution of the script, displaying the result of the multiplication.

```
1 def multiply (a, b):
2     return a * b
3
4 # input
5 # proses
6 # output
7
8 result = multiply (6, 6)
9 print (result) #hasil yang diinginkan = 6 * 6 = 36
```

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PS C:\Users\USER\Documents\Python vscode> & "C:/Program Files/Python310/python.exe" "c:/Users/USER/Documents/Python vscode/Rally Raymanda/30.returnValue.py"

36  
PS C:\Users\USER\Documents\Python vscode>