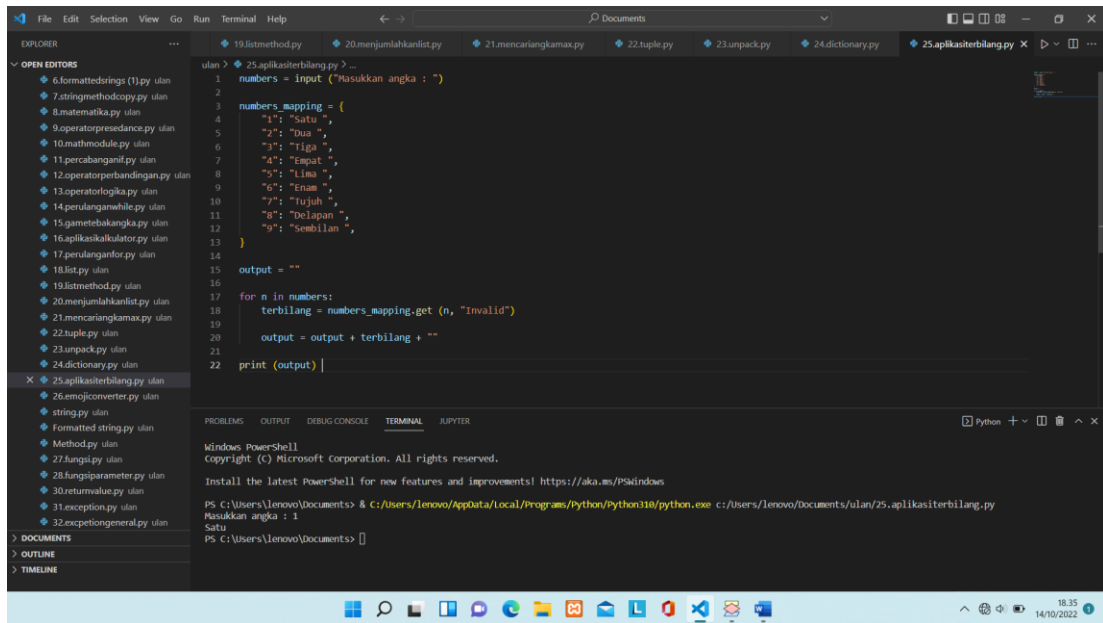


NAMA : ASTUTI NOVITA WULANDARI

NIM : 211001007

KELAS : D / KECERDASAN BUATAN

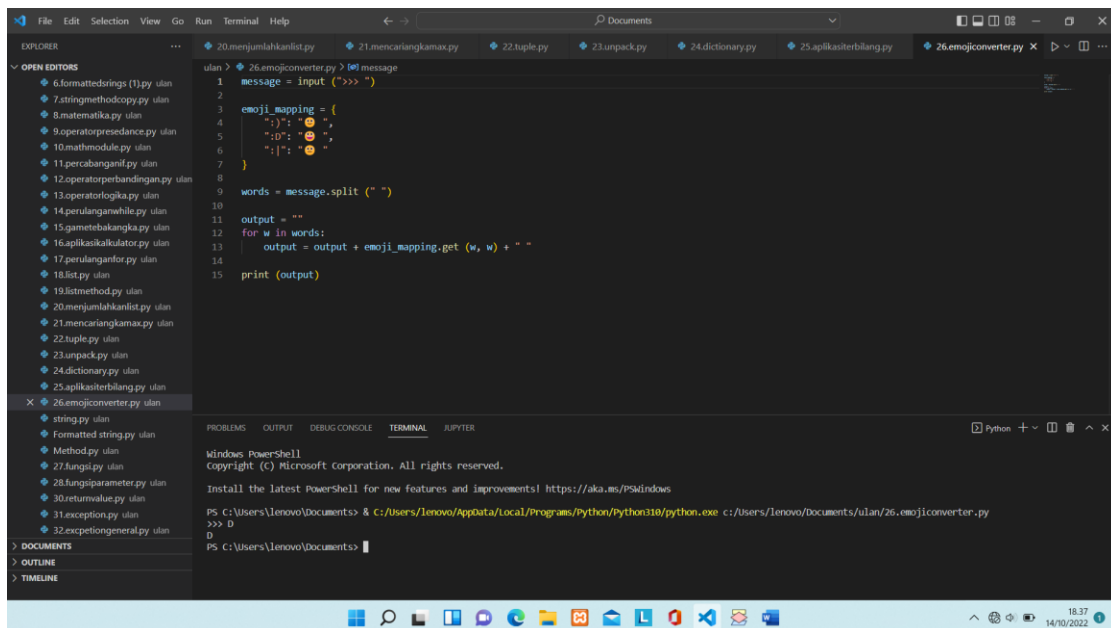
1. APLIKASI TERBILANG



```
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     output = output + terbilang + " "
20
21 print (output) |
```

Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.
Install the latest PowerShell for new features and improvements! <https://aka.ms/PSWindows>
PS C:\Users\lenovo\Documents> & C:/Users/lenovo/AppData/Local/Programs/Python/Python310/python.exe c:/Users/lenovo/Documents/ulan/25.aplikasiterbilang.py
Masukkan angka : 1
Satu
PS C:\Users\lenovo\Documents> |

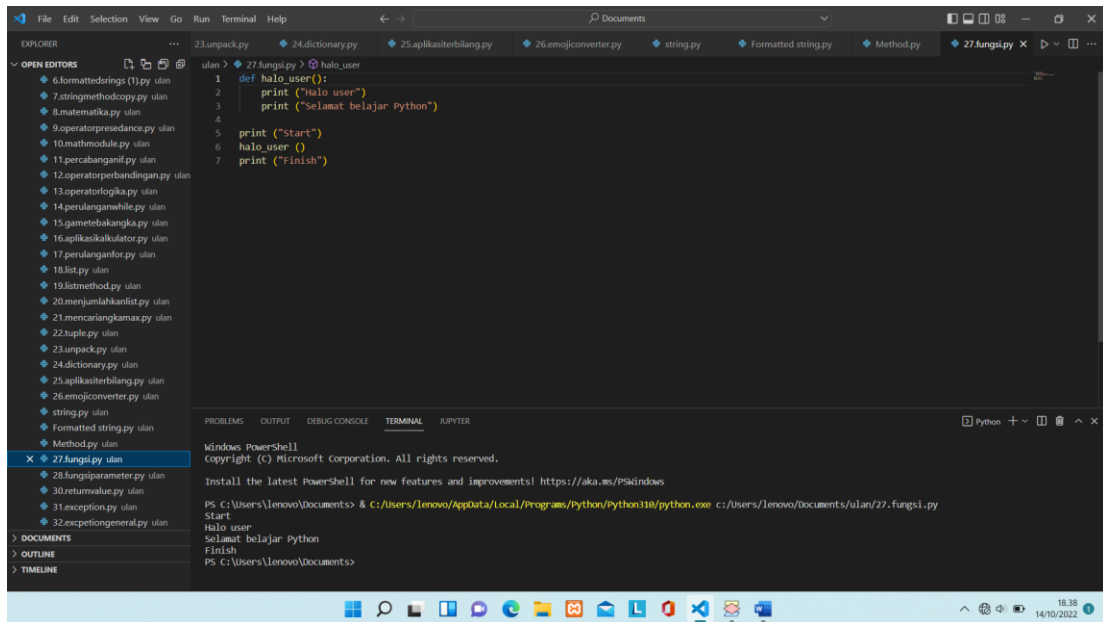
2. EMOJI CONVERTER



```
1 message = input (">>> ")
2
3 emoji_mapping = {
4     "1": "🍌",
5     "10": "🍌",
6     "11": "🍌",
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)
```

Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.
Install the latest PowerShell for new features and improvements! <https://aka.ms/PSWindows>
PS C:\Users\lenovo\Documents> & C:/Users/lenovo/AppData/Local/Programs/Python/Python310/python.exe c:/Users/lenovo/Documents/ulan/26.emojiconverter.py
>>> 10
🍌
PS C:\Users\lenovo\Documents> |

3. FUNGSI



The screenshot shows the Visual Studio Code interface. The Explorer pane on the left lists several Python files, with '27.fungsi.py' selected. The Editor pane displays the code for 'halo_user' in '27.fungsi.py':

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

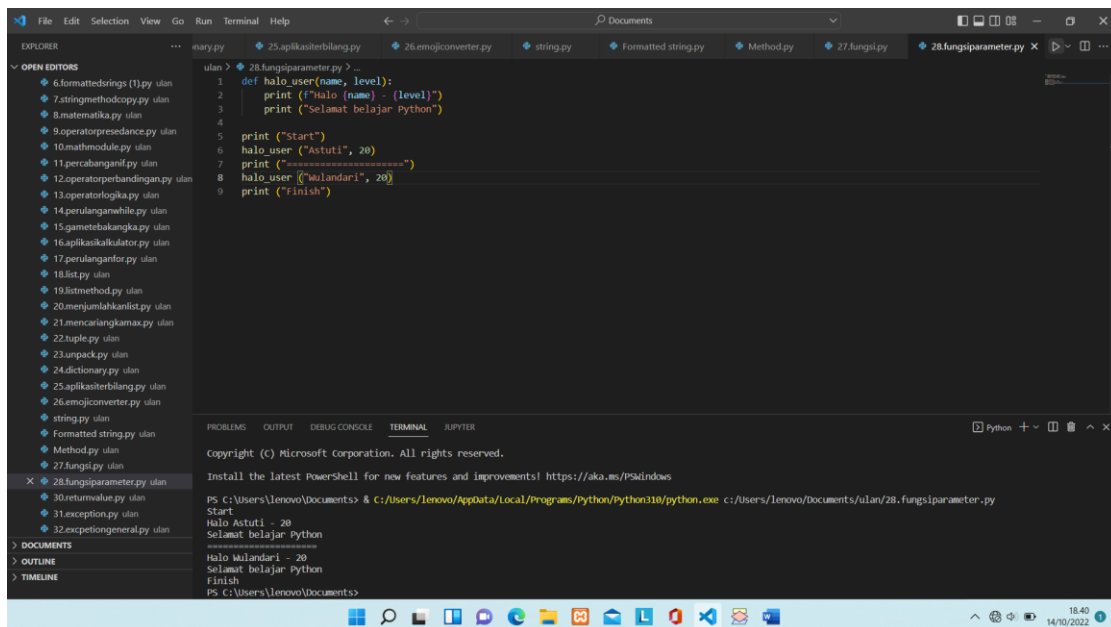
The Terminal pane at the bottom shows the output of running the script in a Windows PowerShell environment:

```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\lenovo\Documents> & C:\Users\lenovo\AppData\Local\Programs\Python\Python118\python.exe c:/Users/lenovo/Documents/ulan/27.fungsi.py
Start
Halo user
Selamat belajar Python
Finish
PS C:\Users\lenovo\Documents>
```

4. PARAMETER FUNGSI



The screenshot shows the Visual Studio Code interface. The Explorer pane on the left lists several Python files, with '28.fungsiparameter.py' selected. The Editor pane displays the code for 'halo_user' in '28.fungsiparameter.py':

```
1 def halo_user(name, level):
2     print(f"Halo {name} - {level}")
3     print("Selamat belajar Python")
4
5 print("Start")
6 halo_user("Astuti", 20)
7 print("=====")
8 halo_user(["Wulandari", 20])
9 print("Finish")
```

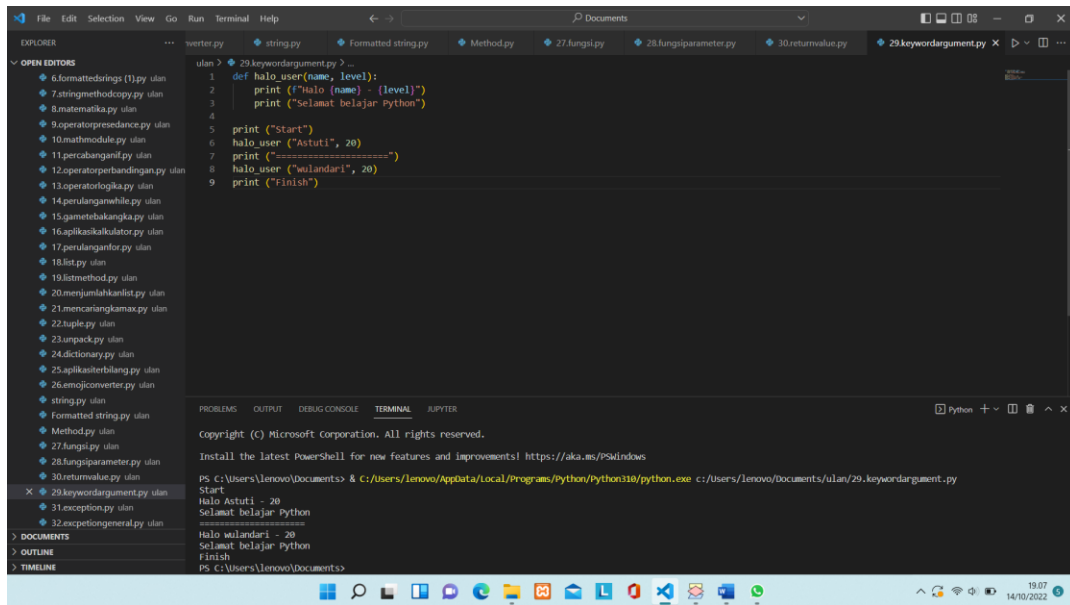
The Terminal pane at the bottom shows the output of running the script in a Windows PowerShell environment:

```
Copyright (C) Microsoft Corporation. All rights reserved.

Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\lenovo\Documents> & C:\Users\lenovo\AppData\Local\Programs\Python\Python118\python.exe c:/Users/lenovo/Documents/ulan/28.fungsiparameter.py
Start
Halo Astuti - 20
Selamat belajar Python
=====
Halo Wulandari - 20
Selamat belajar Python
Finish
PS C:\Users\lenovo\Documents>
```

5. KEYWORD ARGUMENT



The screenshot shows a Python IDE with a file explorer on the left and a code editor in the center. The file explorer lists various Python files, including '29.keywordargument.py'. The code editor displays the following Python code:

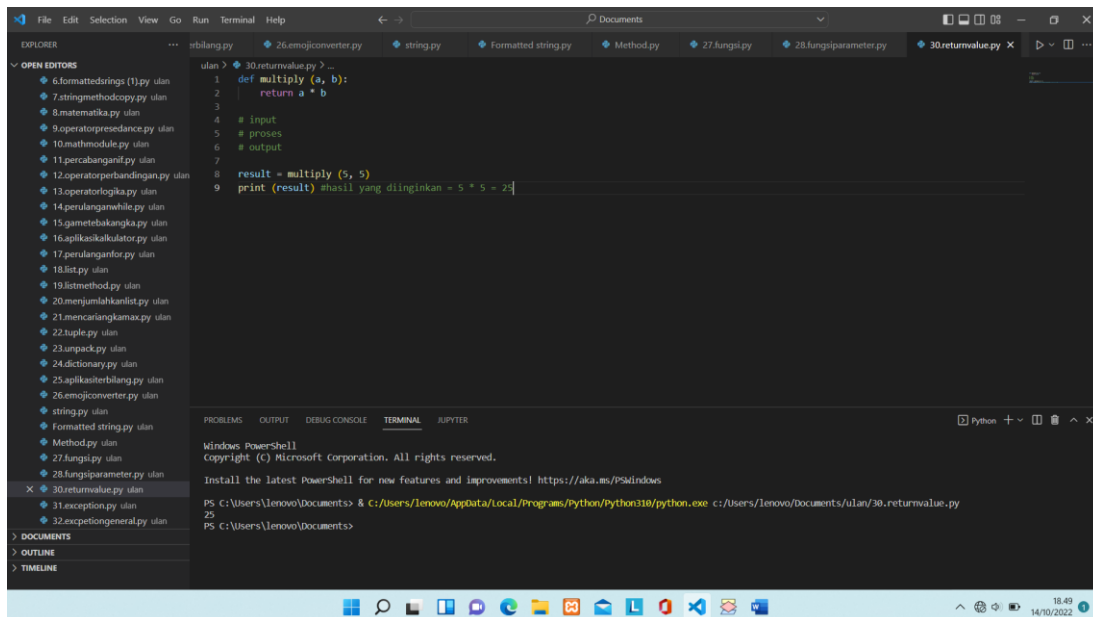
```
1 def halo_user(name, level):
2     print ("Halo (name) - (level)")
3     print ("Selamat belajar Python")
4
5 print ("Start")
6 halo_user ("Astuti", 20)
7 print ("=====")
8 halo_user ("Wulandari", 20)
9 print ("Finish")
```

The terminal window at the bottom shows the output of the program:

```
Copyright (C) Microsoft Corporation. All rights reserved.
Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\lenovo\Documents> & C:\Users\lenovo\AppData\Local\Programs\Python\Python310\python.exe c:/Users/lenovo/Documents/ulan/29.keywordargument.py
Start
Halo Astuti - 20
Selamat belajar Python
=====
Halo wulandari - 20
Selamat belajar Python
Finish
PS C:\Users\lenovo\Documents>
```

6. RETURN VALUE



The screenshot shows a Python IDE with a file explorer on the left and a code editor in the center. The file explorer lists various Python files, including '30.returnvalue.py'. The code editor displays the following Python code:

```
1 def multiply(a, b):
2     return a * b
3
4 # Input
5 # proses
6 # output
7
8 result = multiply(5, 5)
9 print(result) #hasil yang diinginkan = 5 * 5 = 25
```

The terminal window at the bottom shows the output of the program:

```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\lenovo\Documents> & C:\Users\lenovo\AppData\Local\Programs\Python\Python310\python.exe c:/Users/lenovo/Documents/ulan/30.returnvalue.py
25
PS C:\Users\lenovo\Documents>
```