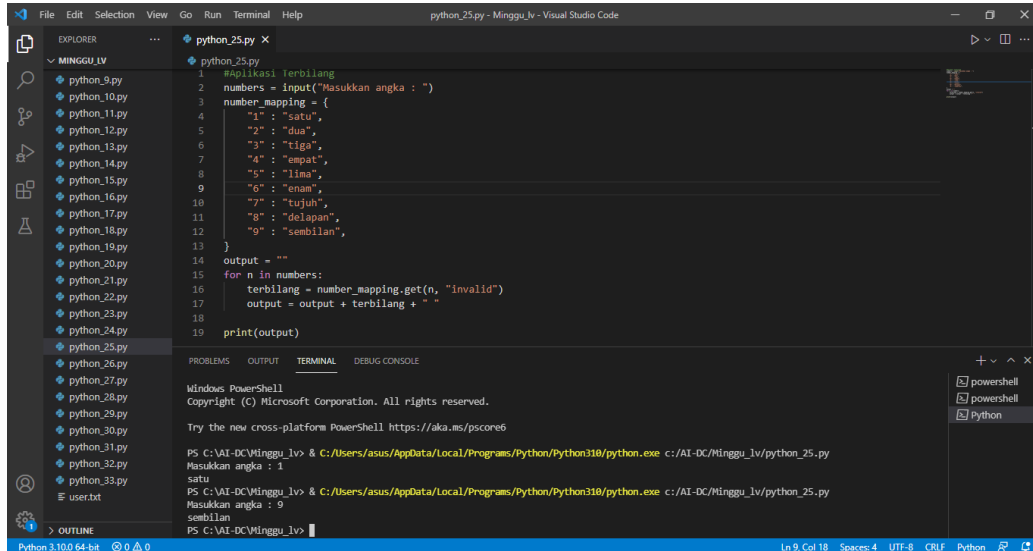


Praktikum Pemrograman Python

Aplikasi Terbilang



The screenshot shows a Visual Studio Code editor with a file explorer on the left containing a folder named 'MINGGU_1V' with files from 'python_9.py' to 'python_33.py'. The main editor displays 'python_25.py' with the following code:

```
1 #aplikasi terbilang
2 numbers = input("Masukkan angka : ")
3 number_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 output = ""
15 for n in numbers:
16     terbilang = number_mapping.get(n, "invalid")
17     output = output + terbilang + " "
18
19 print(output)
```

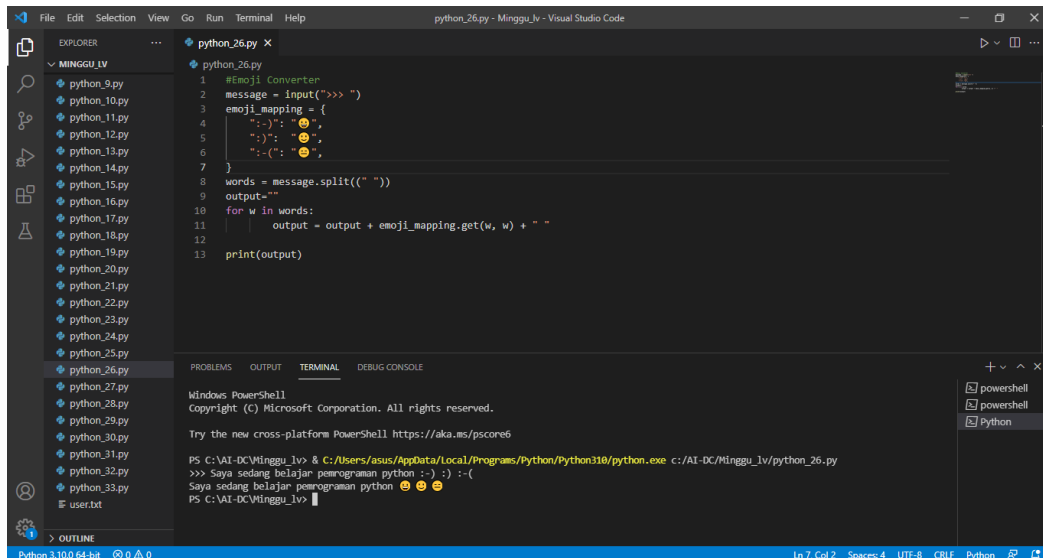
The bottom panel shows the 'TERMINAL' tab with the following output:

```
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\AI-DC\Minggu_1v> & C:/Users/asus/AppData/Local/Programs/Python/python310/python.exe c:/AI-DC/Minggu_1v/python_25.py
Masukkan angka : 1
satu
PS C:\AI-DC\Minggu_1v> & C:/Users/asus/AppData/Local/Programs/Python/python310/python.exe c:/AI-DC/Minggu_1v/python_25.py
Masukkan angka : 9
sembilan
PS C:\AI-DC\Minggu_1v>
```

Emoji Converter



The screenshot shows a Visual Studio Code editor with a file explorer on the left containing a folder named 'MINGGU_1V' with files from 'python_9.py' to 'python_33.py'. The main editor displays 'python_26.py' with the following code:

```
1 #Emoji Converter
2 message = input(">>> ")
3 emoji_mapping = {
4     ":-)": "😄",
5     ":)": "😊",
6     ":-(": "😞",
7 }
8 words = message.split(" ")
9 output=""
10 for w in words:
11     output = output + emoji_mapping.get(w, w) + " "
12
13 print(output)
```

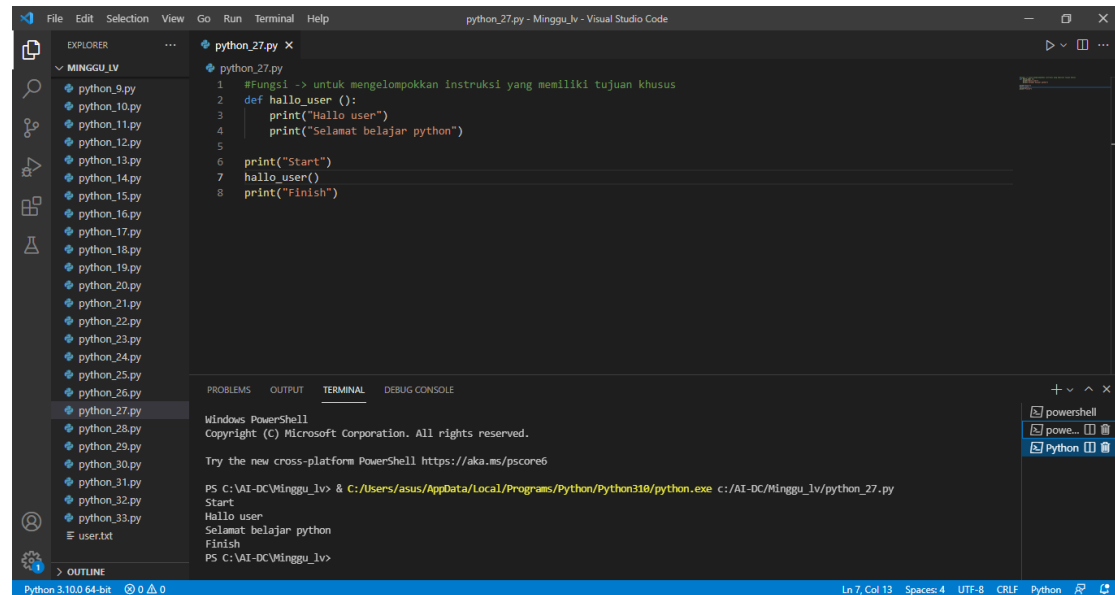
The bottom panel shows the 'TERMINAL' tab with the following output:

```
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\AI-DC\Minggu_1v> & C:/Users/asus/AppData/Local/Programs/Python/python310/python.exe c:/AI-DC/Minggu_1v/python_26.py
>>> Saya sedang belajar pemrograman python :-): 😄
Saya sedang belajar pemrograman python 😄 😄
PS C:\AI-DC\Minggu_1v>
```

Fungsi



```
1 #Fungsi -> untuk mengelompokkan instruksi yang memiliki tujuan khusus
2 def hallo_user ():
3     print("Hallo user")
4     print("Selamat belajar python")
5
6 print("Start")
7 hallo_user()
8 print("Finish")
```

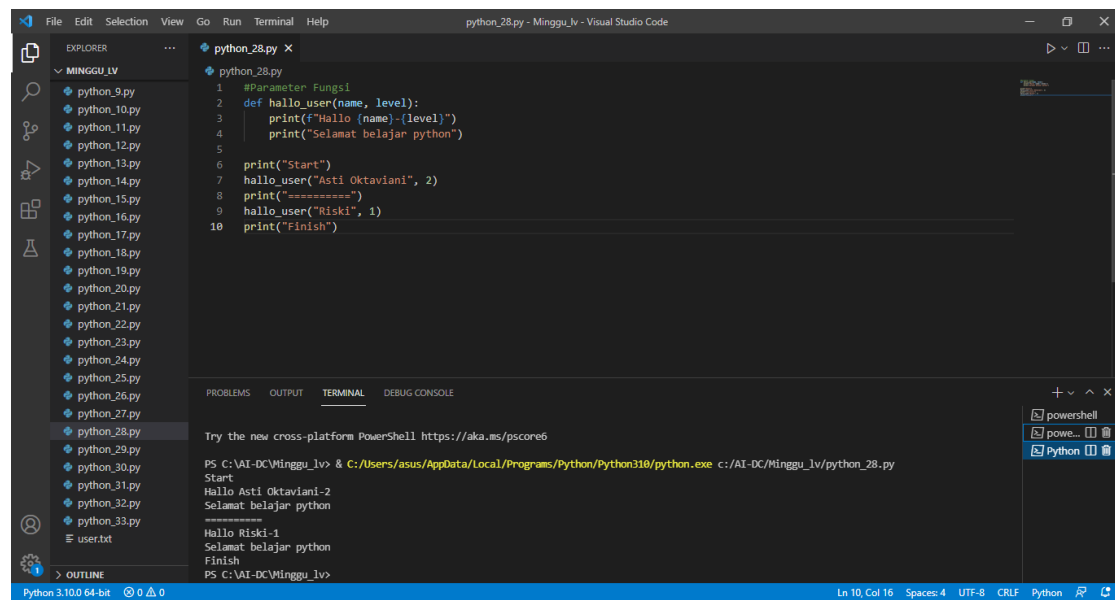
Windows PowerShell
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Try the new cross-platform PowerShell <https://aka.ms/pscore6>

PS C:\AI-DC\Minggu_lv> & C:/Users/asus/AppData/Local/Programs/Python/Python310/python.exe c:/AI-DC/Minggu_lv/python_27.py

Start
Hallo user
Selamat belajar python
Finish
PS C:\AI-DC\Minggu_lv>

Parameter Fungsi



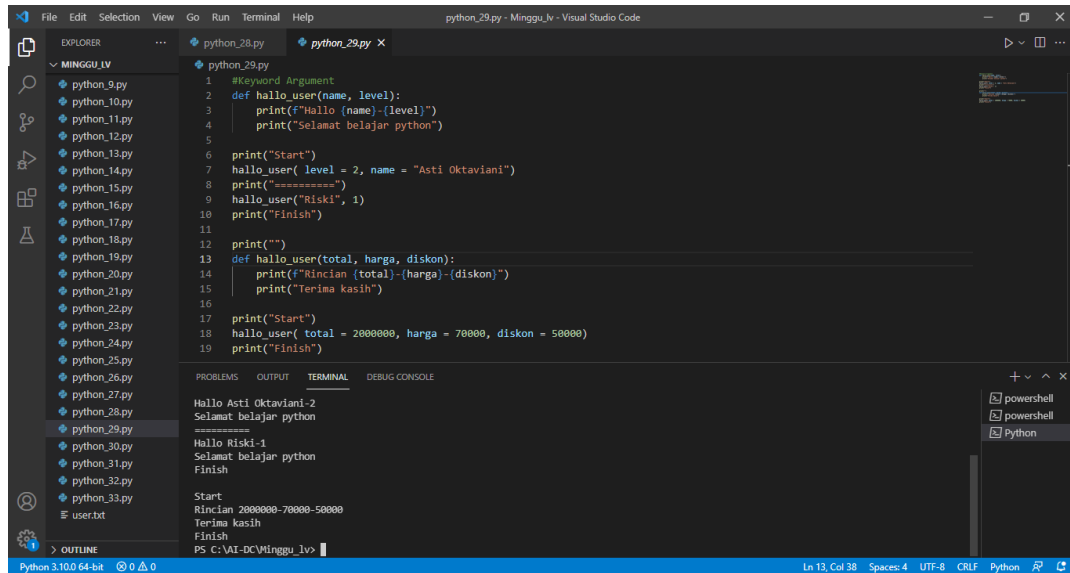
```
1 #Parameter Fungsi
2 def hallo_user(name, level):
3     print(f"Hallo {name}-{level}")
4     print("Selamat belajar python")
5
6 print("Start")
7 hallo_user("Asti Oktaviani", 2)
8 print("=====")
9 hallo_user("Riski", 1)
10 print("Finish")
```

Try the new cross-platform PowerShell <https://aka.ms/pscore6>

PS C:\AI-DC\Minggu_lv> & C:/Users/asus/AppData/Local/Programs/Python/Python310/python.exe c:/AI-DC/Minggu_lv/python_28.py

Start
Hallo Asti Oktaviani-2
Selamat belajar python
=====
Hallo Riski-1
Selamat belajar python
Finish
PS C:\AI-DC\Minggu_lv>

Keyword Argument



The screenshot shows a Visual Studio Code window with a Python file named `python_29.py`. The code defines two functions, `hallo_user` and `hallo_user`, which use keyword arguments. The first function takes `name` and `level` as arguments, and the second function takes `total`, `harga`, and `diskon` as arguments. The code is executed, and the terminal output shows the results of the function calls.

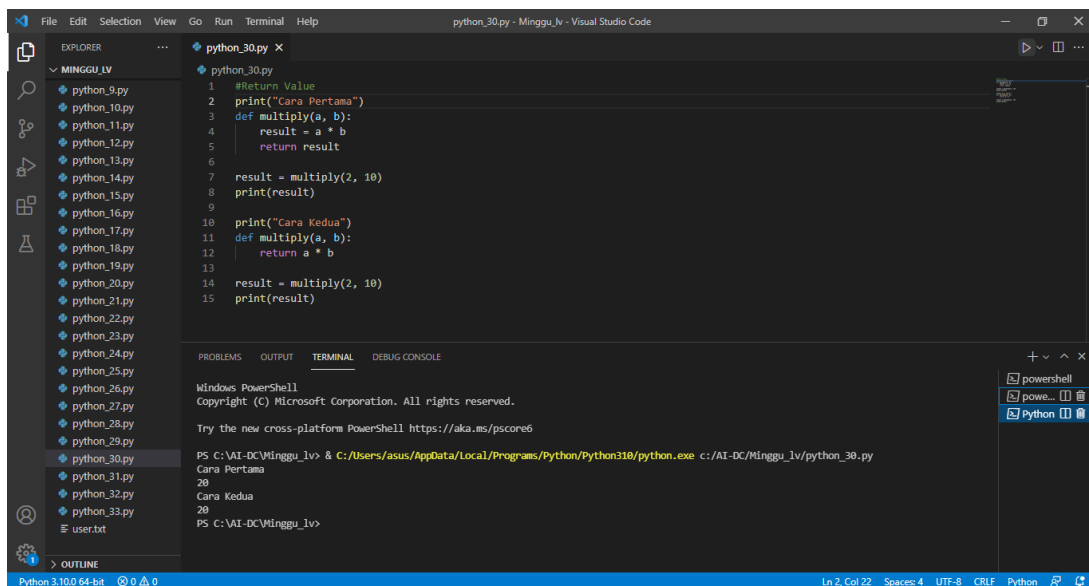
```
1 #Keyword Argument
2 def hallo_user(name, level):
3     print(f'Hallo {name}-{level}')
4     print("Selamat belajar python")
5
6 print("Start")
7 hallo_user( level = 2, name = "Asti Oktaviani")
8 print("=====")
9 hallo_user("Riski", 1)
10 print("Finish")
11
12 print("")
13 def hallo_user(total, harga, diskon):
14     print(f'Rincian (total)-{harga}-{diskon}')
15     print("Terima kasih")
16
17 print("Start")
18 hallo_user( total = 2000000, harga = 70000, diskon = 50000)
19 print("Finish")
```

Terminal Output:

```
Hallo Asti Oktaviani-2
Selamat belajar python
=====
Hallo Riski-1
Selamat belajar python
Finish

Start
Rincian 2000000-70000-50000
Terima kasih
Finish
PS C:\VAI-DC\Minggu_lv>
```

Return Value



The screenshot shows a Visual Studio Code window with a Python file named `python_30.py`. The code defines two functions, `multiply` and `multiply`, which use return values. The first function takes `a` and `b` as arguments and returns the result of `a * b`. The second function takes `a` and `b` as arguments and returns the result of `a * b`. The code is executed, and the terminal output shows the results of the function calls.

```
1 #Return Value
2 print("Cara Pertama")
3 def multiply(a, b):
4     result = a * b
5     return result
6
7 result = multiply(2, 10)
8 print(result)
9
10 print("Cara Kedua")
11 def multiply(a, b):
12     return a * b
13
14 result = multiply(2, 10)
15 print(result)
```

Terminal Output:

```
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/powershell

PS C:\VAI-DC\Minggu_lv> & C:\Users\asus\AppData\Local\Programs\Python\Python310\python.exe c:/AI-DC/Minggu_lv/python_30.py
Cara Pertama
20
Cara Kedua
20
PS C:\VAI-DC\Minggu_lv>
```