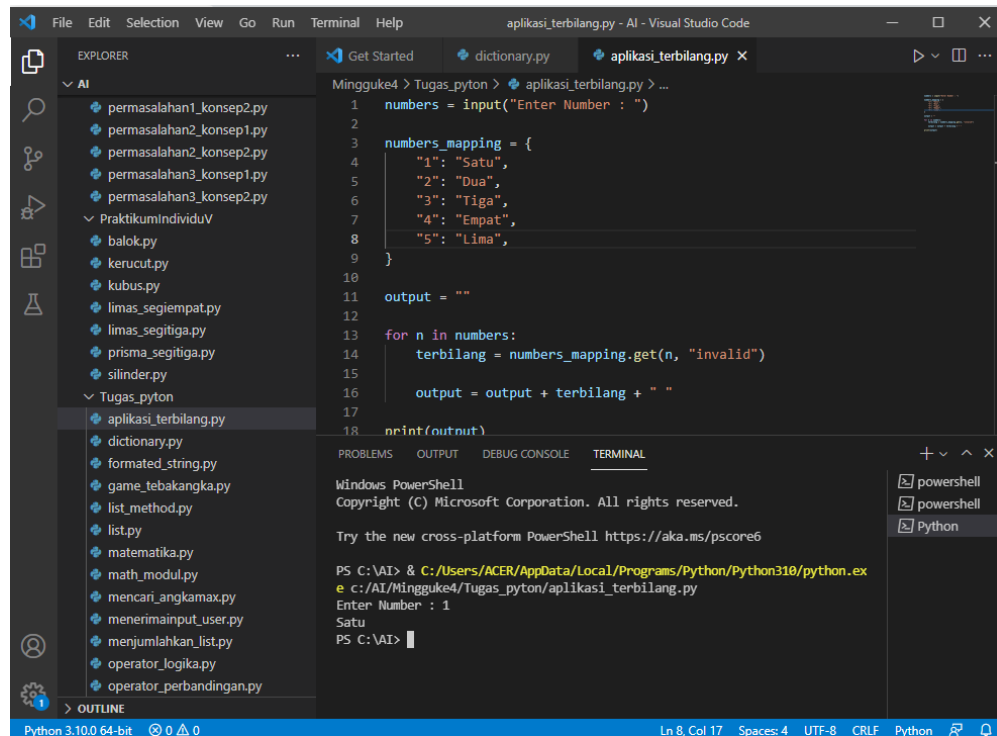


# TUGAS PYTHON V

## 1. Aplikasi Terbilang



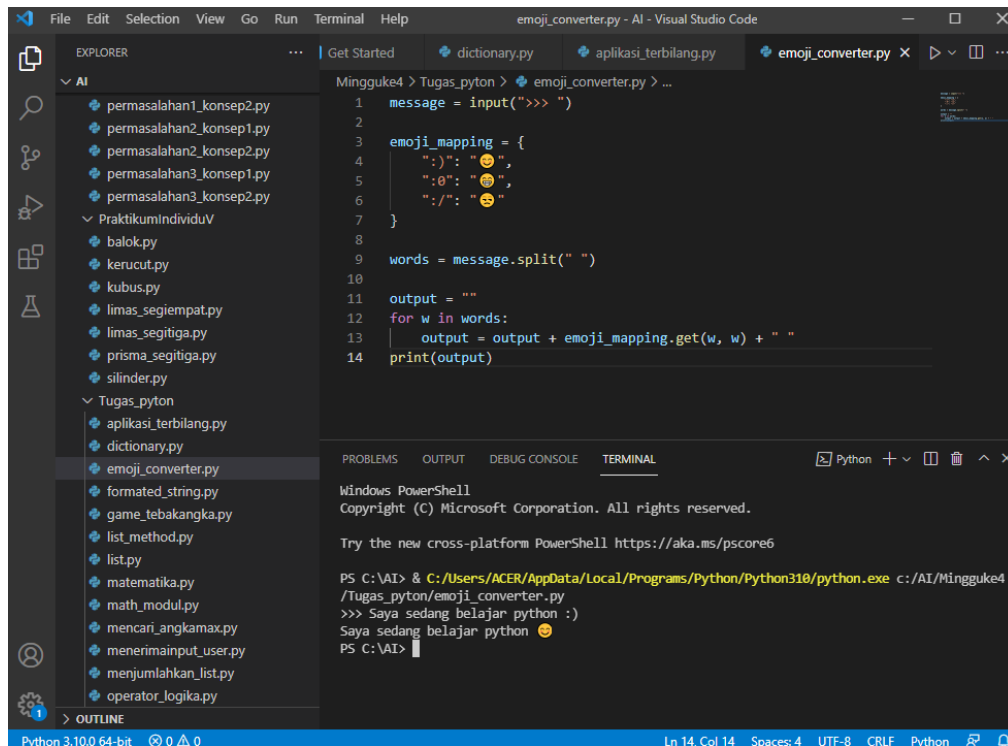
The screenshot shows the Visual Studio Code interface with the file explorer on the left, the editor in the center, and the terminal at the bottom. The file explorer shows a project structure with folders 'AI' and 'PraktikumIndividuV'. The 'AI' folder contains several Python files, including 'aplikasi\_terbilang.py'. The 'PraktikumIndividuV' folder contains a 'Tugas\_pyton' subfolder with various Python files. The editor displays the code for 'aplikasi\_terbilang.py', which uses a dictionary to map numbers to their Indonesian word equivalents. The terminal shows the command to run the script and the output for the input '1'.

```
1 numbers = input("Enter Number : ")
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
16     output = output + terbilang + " "
17
18 print(output)
```

Terminal Output:

```
PS C:\AI> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe
e c:/AI/Mingguke4/Tugas_pyton/aplikasi_terbilang.py
Enter Number : 1
Satu
PS C:\AI>
```

## 2. Emoji Converter



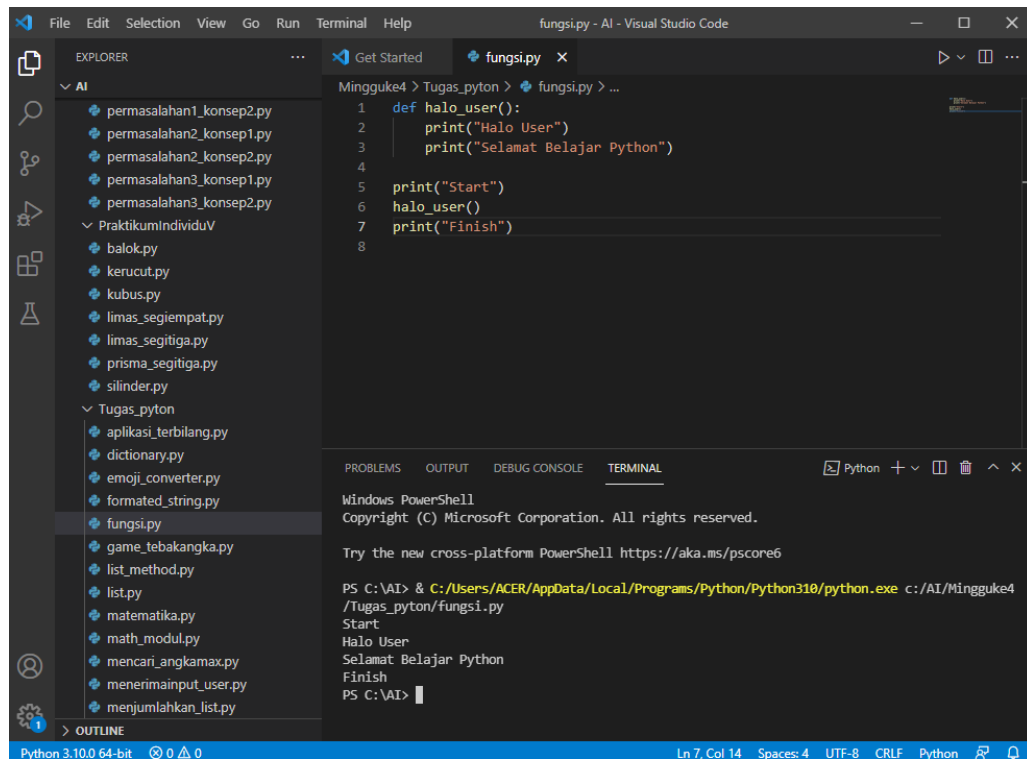
The screenshot shows the Visual Studio Code interface with the file explorer on the left, the editor in the center, and the terminal at the bottom. The file explorer shows a project structure with folders 'AI' and 'PraktikumIndividuV'. The 'AI' folder contains several Python files, including 'emoji\_converter.py'. The 'PraktikumIndividuV' folder contains a 'Tugas\_pyton' subfolder with various Python files. The editor displays the code for 'emoji\_converter.py', which uses a dictionary to map words to their corresponding emojis. The terminal shows the command to run the script and the output for the input 'Saya sedang belajar python :)'.

```
1 message = input(">>> ")
2
3 emoji_mapping = {
4     ":)": "😊",
5     ":0": "😬",
6     ":/": "😓",
7 }
8
9 words = message.split(" ")
10
11 output = ""
12 for w in words:
13     output = output + emoji_mapping.get(w, w) + " "
14 print(output)
```

Terminal Output:

```
PS C:\AI> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe
c:/AI/Mingguke4/Tugas_pyton/emoji_converter.py
>>> Saya sedang belajar python :)
Saya sedang belajar python 😊
PS C:\AI>
```

### 3. Fungsi



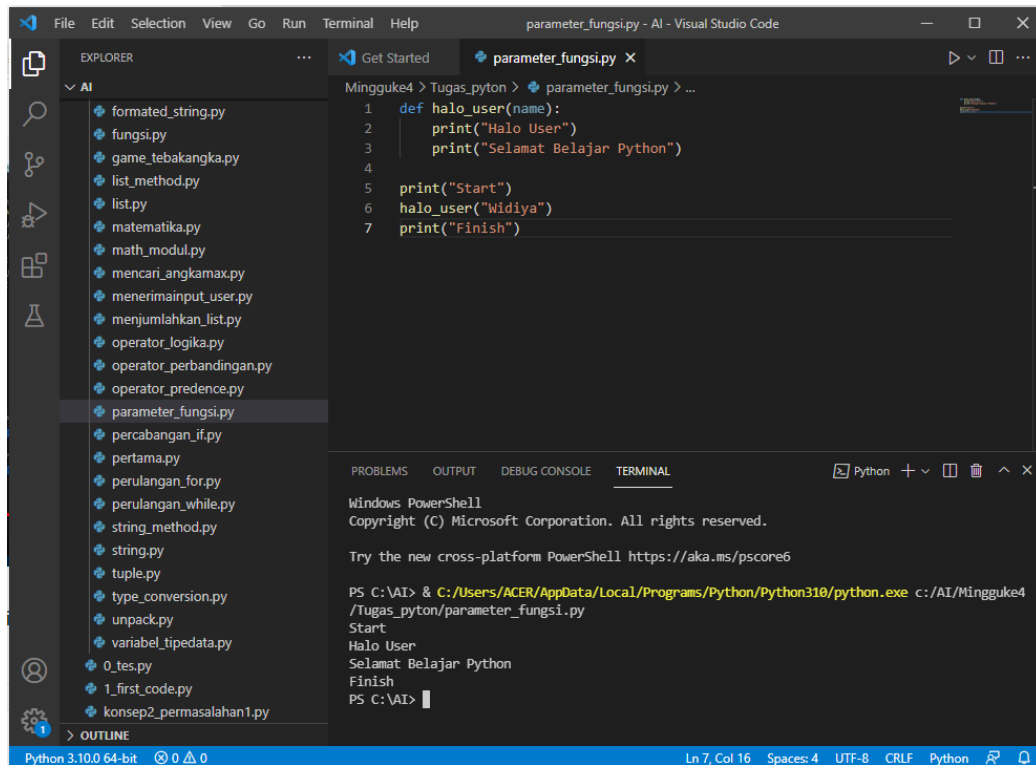
The screenshot shows the Visual Studio Code interface with a file explorer on the left containing various Python files. The main editor displays the file `fungsi.py` with the following code:

```
1 def halo_user():
2     print("Halo User")
3     print("Selamat Belajar Python")
4
5     print("Start")
6     halo_user()
7     print("Finish")
8
```

The terminal at the bottom shows the execution of the script using PowerShell:

```
PS C:\AI> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe c:/AI/Mingguke4/Tugas_pyton/fungsi.py
Start
Halo User
Selamat Belajar Python
Finish
PS C:\AI>
```

### 4. Parameter Fungsi



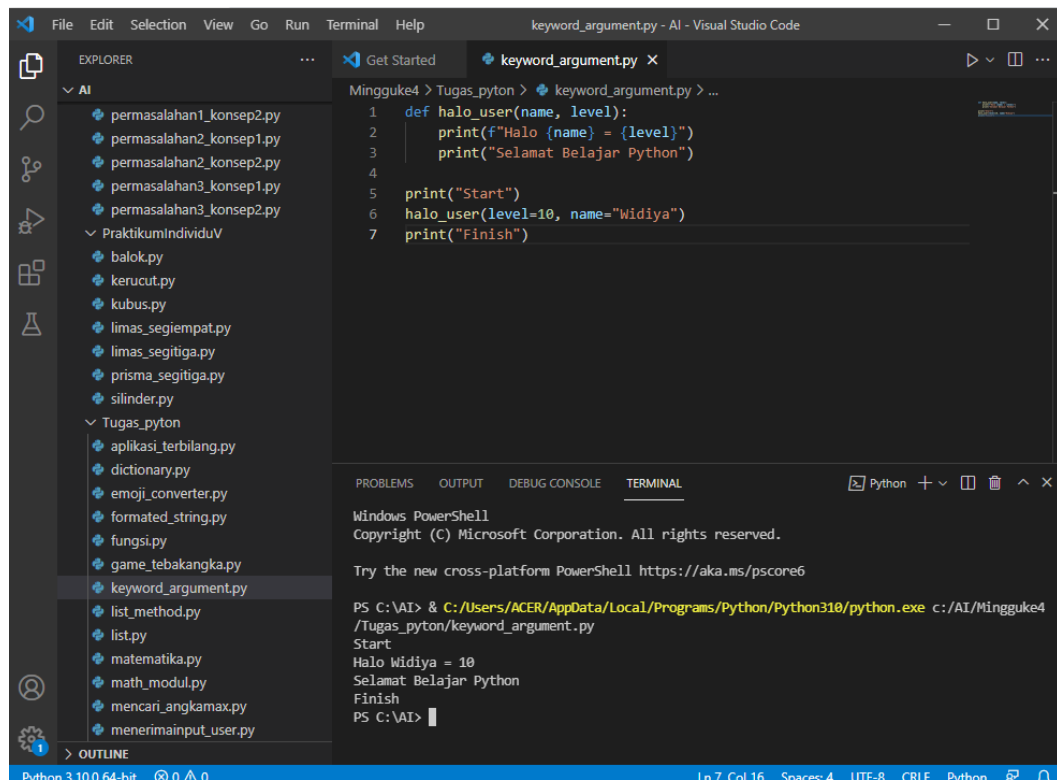
The screenshot shows the Visual Studio Code interface with a file explorer on the left. The main editor displays the file `parameter_fungsi.py` with the following code:

```
1 def halo_user(name):
2     print("Halo User")
3     print("Selamat Belajar Python")
4
5     print("Start")
6     halo_user("Widiya")
7     print("Finish")
```

The terminal at the bottom shows the execution of the script using PowerShell:

```
PS C:\AI> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe c:/AI/Mingguke4/Tugas_pyton/parameter_fungsi.py
Start
Halo User
Selamat Belajar Python
Finish
PS C:\AI>
```

## 5. Keyword Argument



The screenshot shows the Visual Studio Code interface with a file explorer on the left and a code editor on the right. The file explorer shows a project named 'AI' with a folder 'Tugas\_pyton' containing several Python files. The file 'keyword\_argument.py' is selected. The code editor shows the following Python code:

```
1 def halo_user(name, level):
2     print(f"Halo {name} = {level}")
3     print("Selamat Belajar Python")
4
5 print("Start")
6 halo_user(level=10, name="Widiya")
7 print("Finish")
```

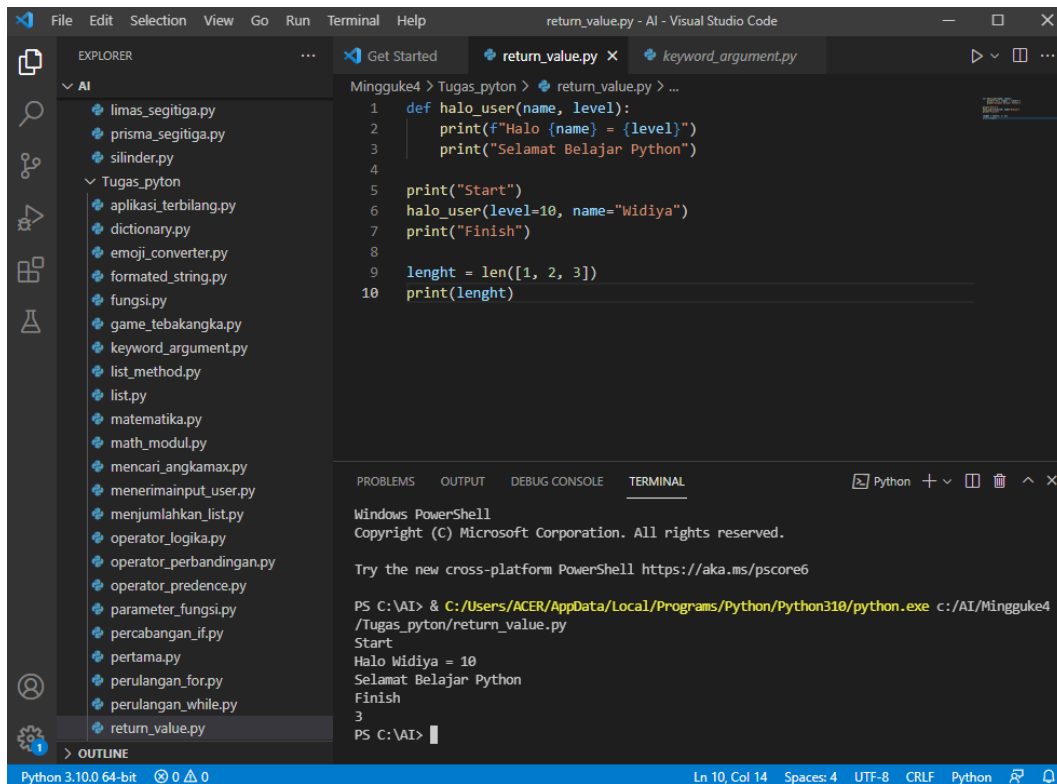
The terminal output shows the execution of the script:

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

PS C:\AI> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe c:/AI/Mingguke4
/Tugas_pyton/keyword_argument.py
Start
Halo Widiya = 10
Selamat Belajar Python
Finish
PS C:\AI>
```

## 6. Return Value



The screenshot shows the Visual Studio Code interface with a file explorer on the left and a code editor on the right. The file explorer shows a project named 'AI' with a folder 'Tugas\_pyton' containing several Python files. The file 'return\_value.py' is selected. The code editor shows the following Python code:

```
1 def halo_user(name, level):
2     print(f"Halo {name} = {level}")
3     print("Selamat Belajar Python")
4
5 print("Start")
6 halo_user(level=10, name="Widiya")
7 print("Finish")
8
9 lenght = len([1, 2, 3])
10 print(lenght)
```

The terminal output shows the execution of the script:

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

PS C:\AI> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe c:/AI/Mingguke4
/Tugas_pyton/return_value.py
Start
Halo Widiya = 10
Selamat Belajar Python
Finish
3
PS C:\AI>
```