

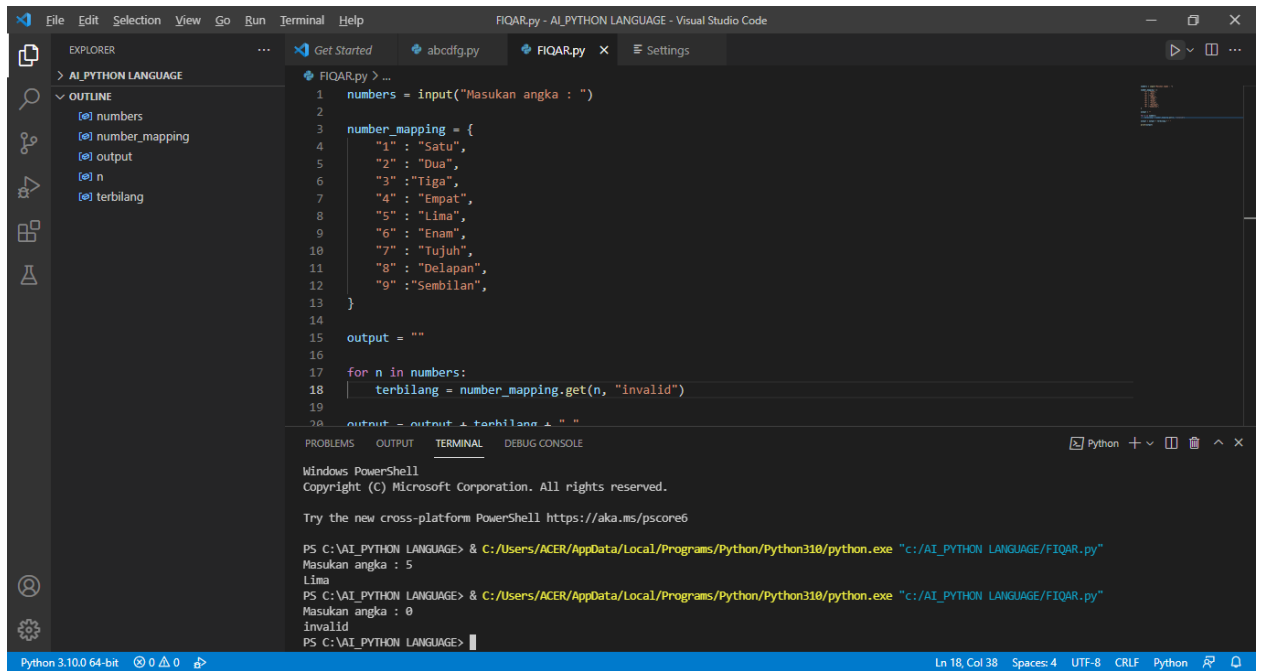
NAMA : MUHAMMAD FIQAR RAMADHAN

NIM : 20.01.013.034

KELAS : AI-B

5. Python-5

1. Aplikasi Terbilang



```
File Edit Selection View Go Run Terminal Help
FIQAR.py - AI_PYTHON LANGUAGE - Visual Studio Code

EXPLORER
> AI_PYTHON LANGUAGE
  OUTLINE
  (e) numbers
  (e) number_mapping
  (e) output
  (e) n
  (e) terbilang

FIQAR.py
1 numbers = input("Masukan angka : ")
2
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
15 output = ""
16
17 for n in numbers:
18     terbilang = number_mapping.get(n, "invalid")
19     output = output + terbilang + " "
20
PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE
Python + - [ ] ^ X

Windows PowerShell
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PS C:\AI_PYTHON LANGUAGE> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe "c:/AI_PYTHON LANGUAGE/FIQAR.py"
Masukan angka : 5
Lima
PS C:\AI_PYTHON LANGUAGE> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe "c:/AI_PYTHON LANGUAGE/FIQAR.py"
Masukan angka : 0
invalid
PS C:\AI_PYTHON LANGUAGE>
```

2. Emoji Converter

The screenshot shows the Visual Studio Code interface with a Python file named `FIQAR.py` open. The code defines an emoji mapping dictionary and processes an input message. The terminal shows the command to run the script, which outputs a message with emojis.

```
1 message = input(">>> ")
2
3 emoji_mapping = {
4     ":" : "😊",
5     "-" : "😬",
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:\VAI_PYTHON LANGUAGE> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe "c:/AI_PYTHON LANGUAGE/FIQAR.py"
>>> semangat terus ya guys :)
semangat terus ya guys 😊
PS C:\VAI_PYTHON LANGUAGE>
```

3. Fungsi

The screenshot shows the Visual Studio Code interface with a Python file named `FIQAR.py` open. The code defines a function `hey_you()` and calls it. The terminal shows the command to run the script, which outputs the function's results.

```
1 def hey_you():
2     print("hey you")
3     print("whats up")
4
5 print("start")
6 hey_you()
7 print("finish")
8
```

Terminal output:

```
PS C:\VAI_PYTHON LANGUAGE> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe "c:/AI_PYTHON LANGUAGE/FIQAR.py"
start
hey you
whats up
finish
PS C:\VAI_PYTHON LANGUAGE>
```

4. Parameter Fungsi

The screenshot shows the Visual Studio Code interface with a Python file named `FIQAR.py` open. The file contains a function `apa_kabar(nama)` that prints a greeting and a health status. The terminal shows the command to run the script, and the output displays the results of the function call.

```
1 def apa_kabar(nama):
2     print(f"APA KABAR {nama}")
3     print("JAGA KESEHATAN YAI!!")
4
5 print("start")
6 apa_kabar("CITRA")
7 print("finish")
```

```
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PS C:\VAI_PYTHON LANGUAGE> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe "c:/AI_PYTHON LANGUAGE/FIQAR.py"
start
APA KABAR CITRA
JAGA KESEHATAN YAI!!
finish
PS C:\VAI_PYTHON LANGUAGE>
```

5. Keyword Argument

The screenshot shows the Visual Studio Code interface with a Python file named `FIQAR.py` open. The file contains a function `Fiqar(nama, umur)` that prints a greeting and a health status. The terminal shows the command to run the script, and the output displays the results of the function call with keyword arguments.

```
1 def Fiqar(nama, umur):
2     print(f"Hallo {nama} - {umur}")
3     print("SEMANGAT YA")
4
5 print("start")
6 Fiqar(umur = 19 , nama = "FIQAR")
7 print("finish")
8
```

```
Windows PowerShell
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PS C:\VAI_PYTHON LANGUAGE> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe "c:/AI_PYTHON LANGUAGE/FIQAR.py"
start
Hallo FIQAR - 19
SEMANGAT YA
finish
PS C:\VAI_PYTHON LANGUAGE>
```

6. Return Value

