

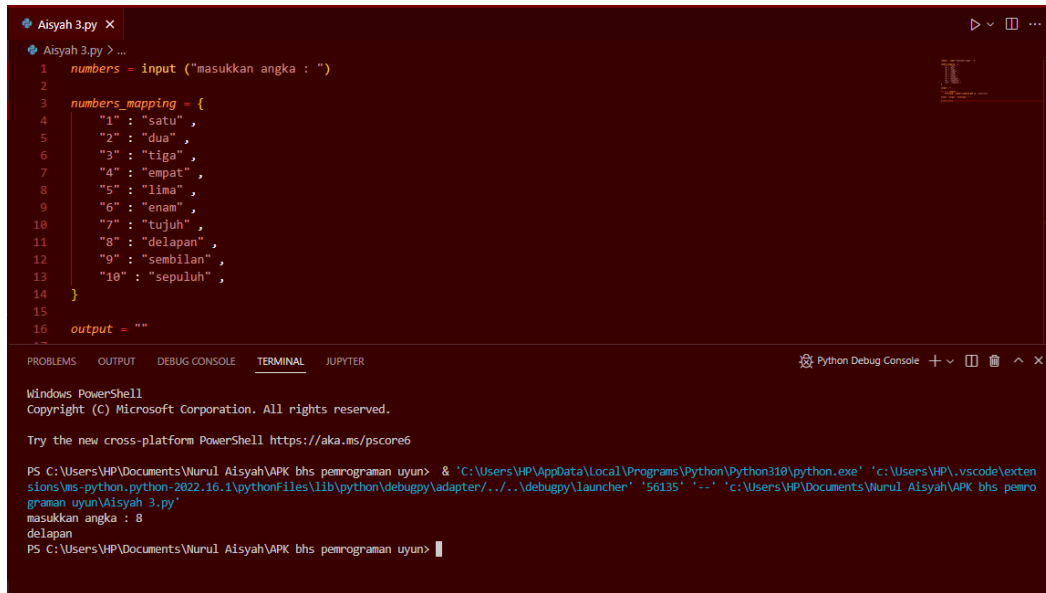
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KELAS : 3D INFORMATIKA

Tugas py 5 Minggu ke-2

1. Aplikasi Terbilang



```
Aisyah 3.py X
Aisyah 3.py > ...
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    "10" : "sepuluh",
14 }
15
16 output = ""
```

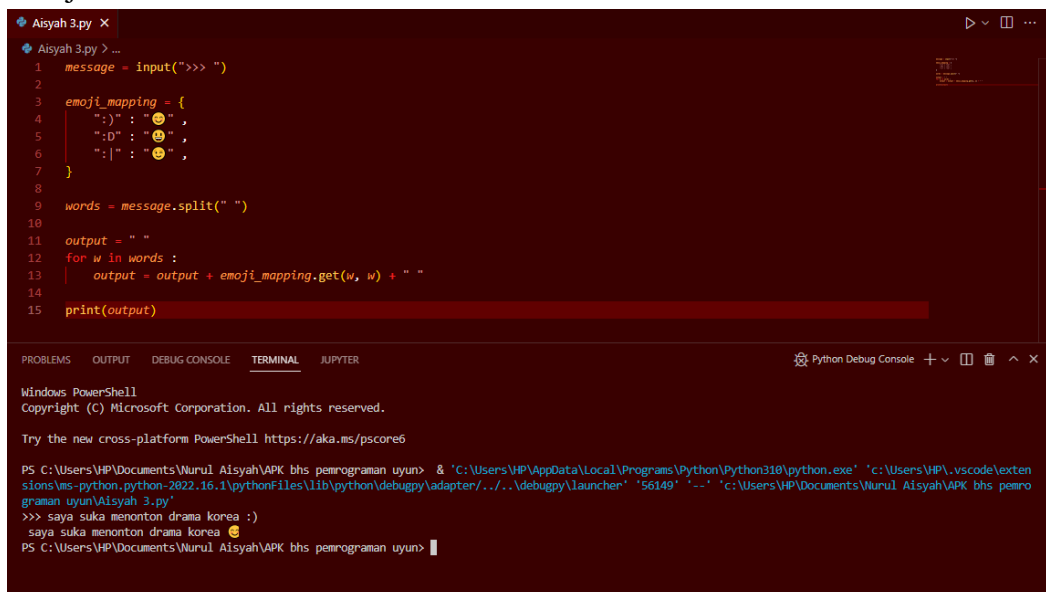
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER Python Debug Console

Windows PowerShell
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PS C:\Users\HP\Documents\Wurul Aisyah\APK bhs pemrograman uyun> & 'C:\Users\HP\AppData\Local\Programs\Python\Python310\python.exe' 'c:\Users\HP\.vscode\extensions\ms-python.python-2022.16.1\pythonFiles\lib\python\debugpy\adapter\..\..\debugpy\launcher' '56135' '-...' 'c:\Users\HP\Documents\Wurul Aisyah\APK bhs pemrograman uyun\Aisyah 3.py'
masukkan angka : 8
delapan
PS C:\Users\HP\Documents\Wurul Aisyah\APK bhs pemrograman uyun> |

2. Emoji Converter



```
Aisyah 3.py X
Aisyah 3.py > ...
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)
```

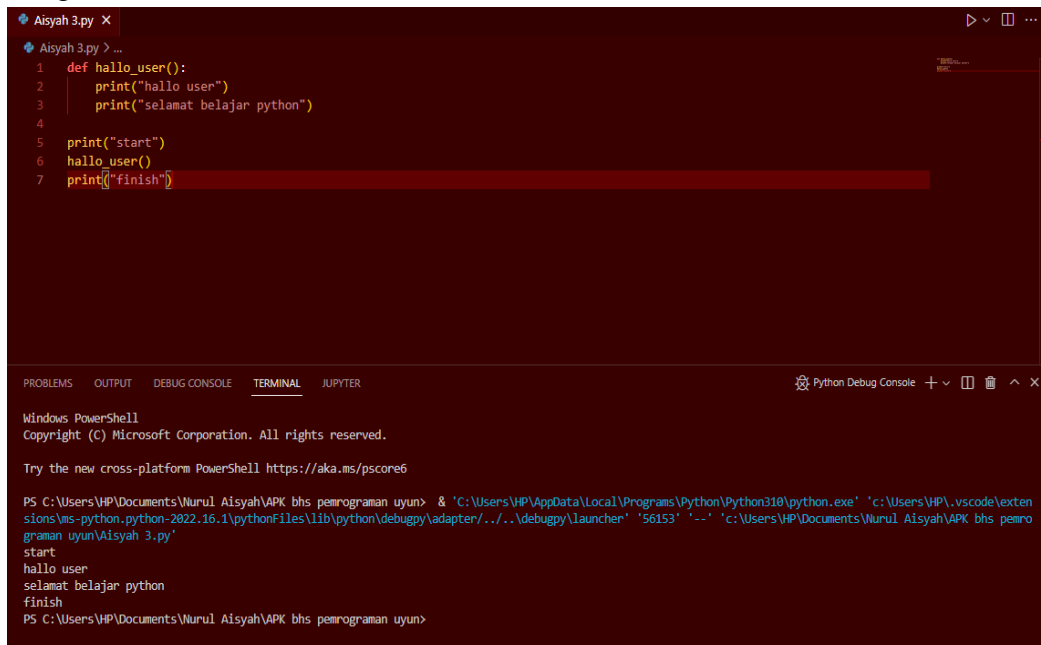
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>>> saya suka menonton drama korea :)
saya suka menonton drama korea 😄
PS C:\Users\HP\Documents\Wurul Aisyah\APK bhs pemrograman uyun> |

3. Fungsi



The screenshot shows a VS Code editor with a file named 'Aisyah 3.py'. The code defines a function 'hallo_user()' which prints 'hallo user' and 'selamat belajar python', followed by 'print("start")', 'hallo_user()', and 'print("finish")'. The terminal window at the bottom shows the execution output: 'start', 'hallo user', 'selamat belajar python', and 'finish'.

```
1 def hallo_user():
2     print("hallo user")
3     print("selamat belajar python")
4
5 print("start")
6 hallo_user()
7 print("finish")
```

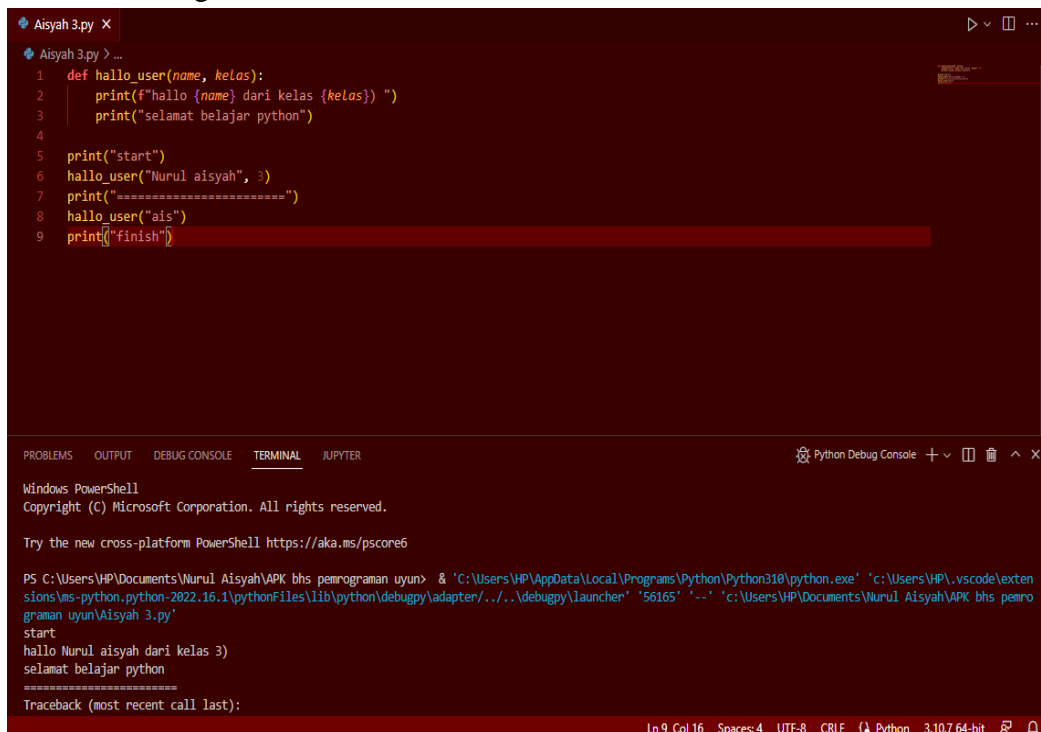
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start
hallo user
selamat belajar python
finish
PS C:\Users\HP\Documents\Wurul Aisyah\APK bhs pemrograman uyun>

4. Parameter Fungsi



The screenshot shows a VS Code editor with a file named 'Aisyah 3.py'. The code defines a function 'hallo_user(name, kelas)' which prints 'hallo {name} dari kelas {kelas}' and 'selamat belajar python', followed by 'print("start")', 'hallo_user("Nurul aisyah", 3)', 'print("=====")', 'hallo_user("ais")', and 'print("finish")'. The terminal window at the bottom shows the execution output: 'start', 'hallo Nurul aisyah dari kelas 3', 'selamat belajar python', and '====='. A traceback message is also visible at the bottom of the terminal.

```
1 def hallo_user(name, kelas):
2     print(f'hallo {name} dari kelas {kelas}')
3     print("selamat belajar python")
4
5 print("start")
6 hallo_user("Nurul aisyah", 3)
7 print("=====")
8 hallo_user("ais")
9 print("finish")
```

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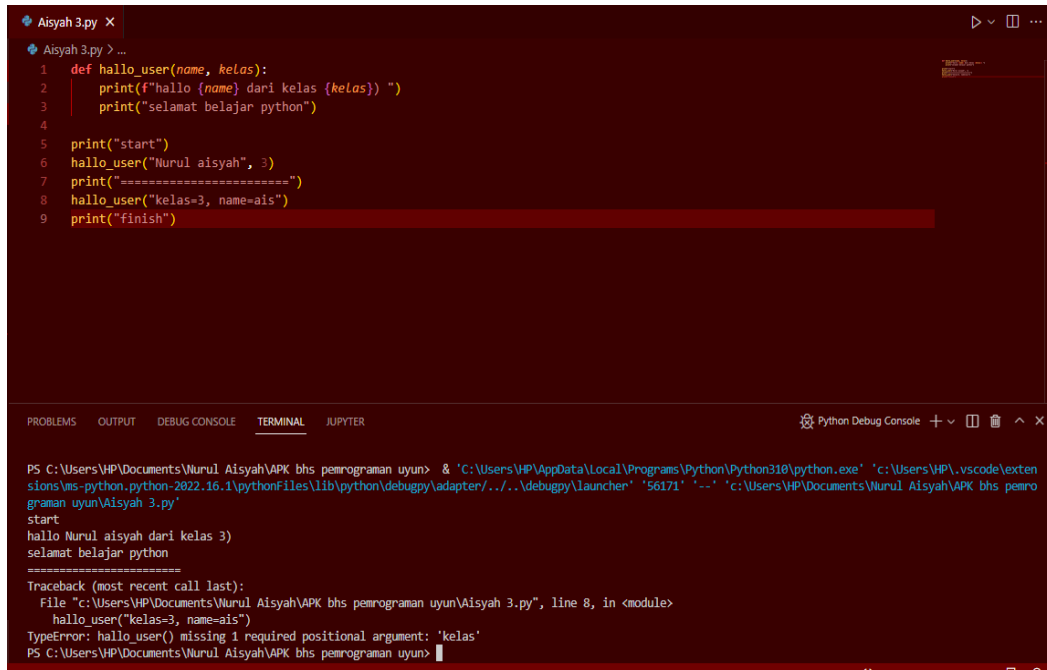
PS C:\Users\HP\Documents\Wurul Aisyah\APK bhs pemrograman uyun> & 'C:\Users\HP\AppData\Local\Programs\Python\Python310\python.exe' 'c:\Users\HP\.vscode\extensions\ms-python.python-2022.16.1\pythonFiles\lib\python\debugpy\adapter\..\..\debugpy\launcher' '56165' '--' 'c:\Users\HP\Documents\Wurul Aisyah\APK bhs pemrograman uyun\Aisyah 3.py'

start
hallo Nurul aisyah dari kelas 3
selamat belajar python
=====

Traceback (most recent call last):

Ln 9, Col 16 Spaces: 4 UTF-8 CRLF Python 3.10.7 64-bit

5. Keyword Argument



The screenshot shows a VS Code editor with a file named 'Aisyah 3.py'. The code defines a function 'hallo_user' that takes 'name' and 'kelas' as arguments. It prints a greeting and a message. The function is called twice: first with 'Nurul aisyah' and '3', and then with 'kelas=3' and 'name=ais'. The terminal output shows the execution of the script, which results in a 'TypeError' because the second call to 'hallo_user' is missing a required positional argument.

```
1 def hallo_user(name, kelas):
2     print(f'hallo {name} dari kelas {kelas}')
3     print("selamat belajar python")
4
5     print("start")
6     hallo_user("Nurul aisyah", 3)
7     print("=====")
8     hallo_user(kelas=3, name=ais)
9     print("finish")
```

Terminal Output:

```
PS C:\Users\HP\Documents\Wurul Aisyah\APK bhs pemrograman uyun> & 'C:\Users\HP\AppData\Local\Programs\Python\Python310\python.exe' 'c:\Users\HP\.vscode\extensions\ms-python.python-2022.16.1\pythonFiles\lib\python\debugpy\adapter\..\..\debugpy\launcher' '56171' '--' 'c:\Users\HP\Documents\Wurul Aisyah\APK bhs pemrograman uyun\Aisyah 3.py'
start
hallo Nurul aisyah dari kelas 3)
selamat belajar python
=====
Traceback (most recent call last):
  File "c:\Users\HP\Documents\Wurul Aisyah\APK bhs pemrograman uyun\Aisyah 3.py", line 8, in <module>
    hallo_user("kelas=3, name=ais")
TypeError: hallo_user() missing 1 required positional argument: 'kelas'
PS C:\Users\HP\Documents\Wurul Aisyah\APK bhs pemrograman uyun>
```

6. Return Value



The screenshot shows a VS Code editor with a file named 'Aisyah 3.py'. The code defines a function 'multiply' that takes 'a' and 'b' as arguments and returns the result of 'a * b'. The function is called with '5' and '6', and the result is printed. The terminal output shows the execution of the script, which results in the output '30'.

```
4 def multiply(a, b):
5     result = a * b
6     return result
7
8 result = multiply(5, 6)
9 print(result)
10
```

Terminal Output:

```
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30
PS C:\Users\HP\Documents\Wurul Aisyah\APK bhs pemrograman uyun>
```