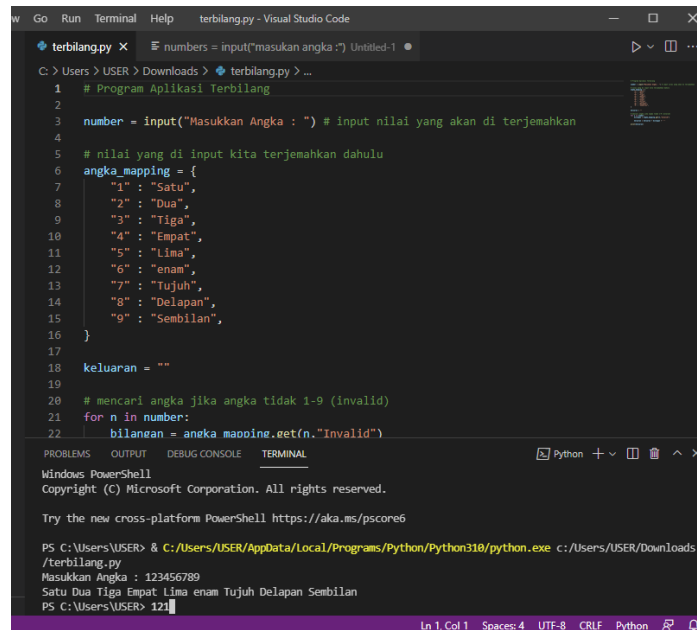


Nama : Sulastris

Nim : 20.01.013.015

Kelas : AI-B

1. Aplikasi terbilang



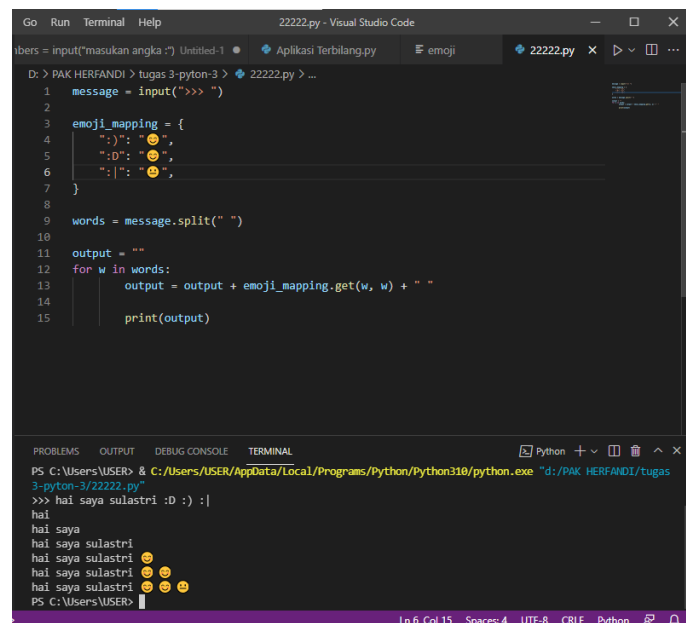
```
1 # Program Aplikasi Terbilang
2
3 number = input("Masukkan Angka : ") # input nilai yang akan di terjemahkan
4
5 # nilai yang di input kita terjemahkan dahulu
6 angka_mapping = {
7     "1" : "Satu",
8     "2" : "Dua",
9     "3" : "Tiga",
10    "4" : "Empat",
11    "5" : "Lima",
12    "6" : "enam",
13    "7" : "Tujuh",
14    "8" : "Delapan",
15    "9" : "Sembilan",
16 }
17
18 keluaran = ""
19
20 # mencari angka jika angka tidak 1-9 (invalid)
21 for n in number:
22     bilangan = angka_mapping.get(n, "Invalid")
23     keluaran = keluaran + bilangan + " "
```

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

PS C:\Users\USER> & C:\Users\USER\AppData\Local\Programs\Python\Python310\python.exe c:/Users/USER/Downloads/terbilang.py
Masukkan Angka : 123456789
Satu Dua Tiga Empat Lima enam Tujuh Delapan Sembilan
PS C:\Users\USER>

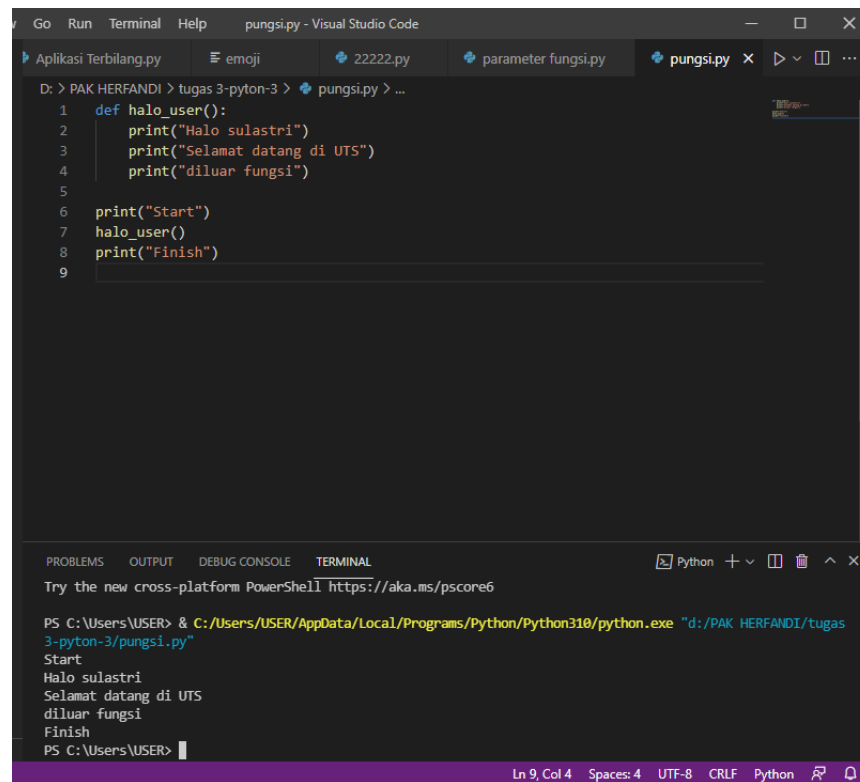
2. Emoji Converter



```
1 message = input(">>> ")
2
3 emoji_mapping = {
4     "s": "😄",
5     "D": "😄",
6     "l": "😄",
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)
```

PS C:\Users\USER> & C:\Users\USER\AppData\Local\Programs\Python\Python310\python.exe "d:/PAK HERFANDI/tugas 3-pyton-3/22222.py"
>>> hai saya sulastris :D :) :|
hai
hai saya
hai saya sulastris
hai saya sulastris
hai saya sulastris
hai saya sulastris
PS C:\Users\USER>

3. Fungsi

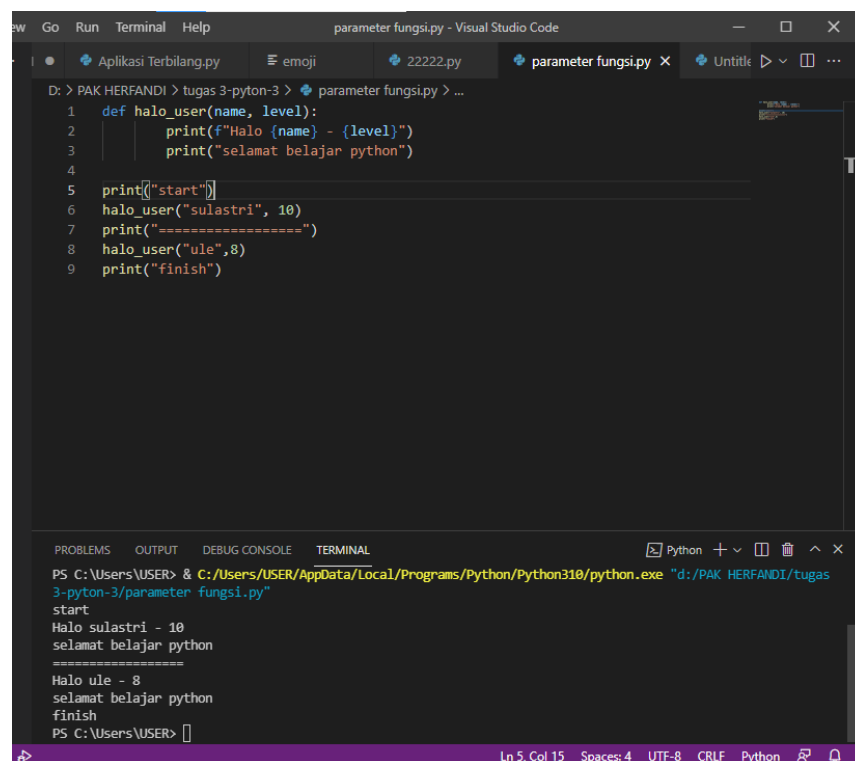


```
Go Run Terminal Help punsi.py - Visual Studio Code
Aplikasi Terbilang.py emoji 22222.py parameter fungsi.py punsi.py x
D: > PAK HERFANDI > tugas 3-pyton-3 > punsi.py > ...
1 def halo_user():
2     print("Halo sulastrri")
3     print("Selamat datang di UTS")
4     print("diluor fungsi")
5
6 print("Start")
7 halo_user()
8 print("Finish")
9

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\USER> & C:/Users/USER/AppData/Local/Programs/Python/Python310/python.exe "d:/PAK HERFANDI/tugas
3-pyton-3/pungsi.py"
Start
Halo sulastrri
Selamat datang di UTS
diluor fungsi
Finish
PS C:\Users\USER>
```

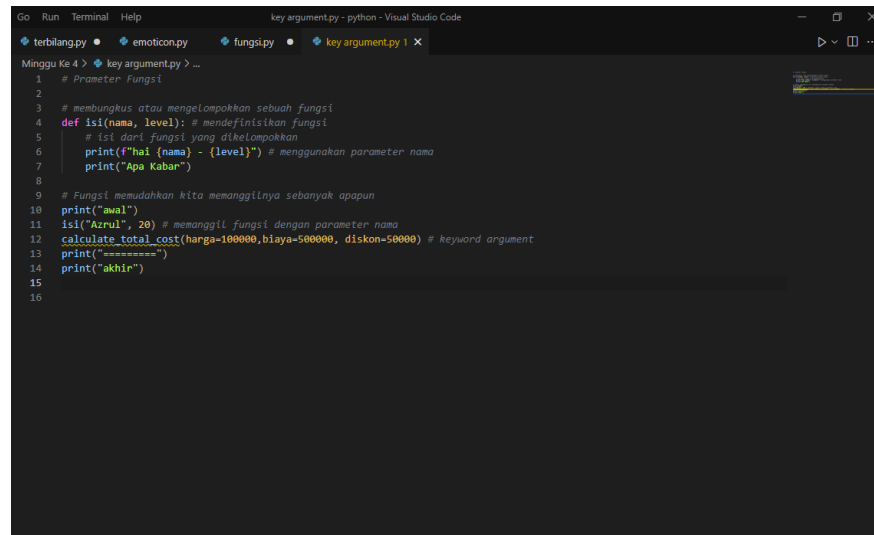
4. Parameter fungsi



```
Go Run Terminal Help parameter fungsi.py - Visual Studio Code
Aplikasi Terbilang.py emoji 22222.py parameter fungsi.py x
D: > PAK HERFANDI > tugas 3-pyton-3 > parameter fungsi.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("sulastrri", 10)
7 print("=====")
8 halo_user("ule", 8)
9 print("finish")

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
PS C:\Users\USER> & C:/Users/USER/AppData/Local/Programs/Python/Python310/python.exe "d:/PAK HERFANDI/tugas
3-pyton-3/parameter_fungsi.py"
start
Halo sulastrri - 10
selamat belajar python
=====
Halo ule - 8
selamat belajar python
finish
PS C:\Users\USER>
```

5. Keyword argument



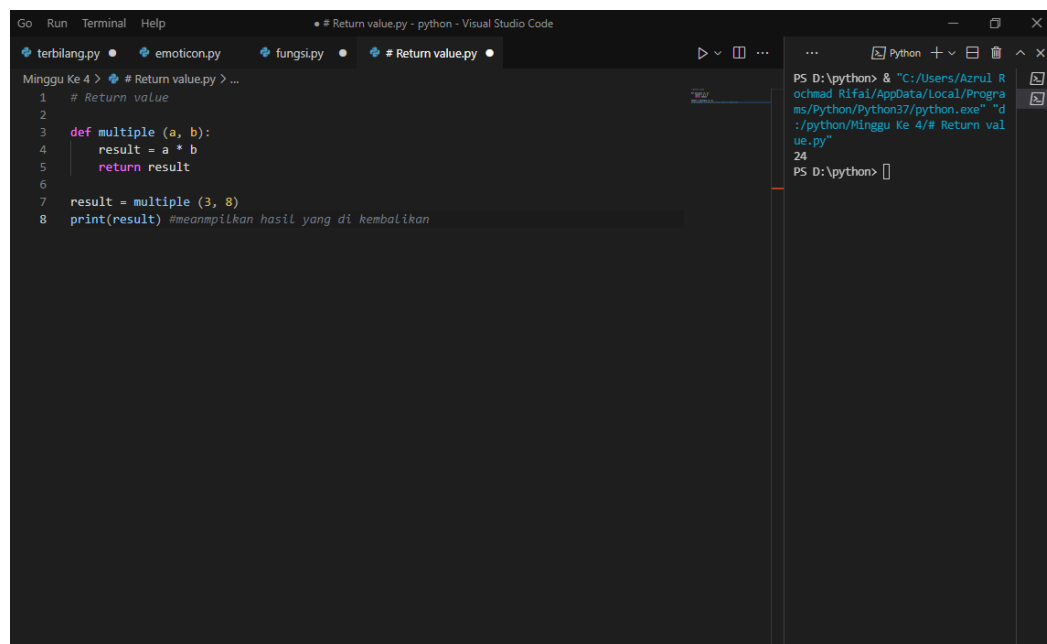
The screenshot shows a Visual Studio Code window with a file named 'key argument.py'. The code defines a function 'isi' and calls it with keyword arguments. The output of the script is visible in the terminal.

```
1 # Parameter Fungsi
2
3 # membungkus atau mengelompokkan sebuah fungsi
4 def isi(nama, level): # mendefinisikan fungsi
5     # isi dari fungsi yang dikelompokkan
6     print(f'hai {nama} - {level}') # menggunakan parameter nama
7     print("Apa Kabar")
8
9 # Fungsi memudahkan kita memanggilnya sebanyak apapun
10 print("awal")
11 isi("Azrul", 20) # memanggil fungsi dengan parameter nama
12 calculate_total_cost(harga=100000, biaya=500000, diskon=50000) # keyword argument
13 print("=====")
14 print("akhir")
15
16
```

Output in terminal:

```
Minggu Ke 4 > key argument.py > ...
hai Azrul - 20
Apa Kabar
awal
=====
akhir
```

6. Return Value



The screenshot shows a Visual Studio Code window with a file named '# Return value.py'. The code defines a function 'multiple' and calls it. The output of the script is visible in the terminal.

```
1 # Return value
2
3 def multiple (a, b):
4     result = a * b
5     return result
6
7 result = multiple (3, 8)
8 print(result) # menampilkan hasil yang di kembalikan
```

Output in terminal:

```
PS D:\python> & "C:/Users/Azrul R ochead Rifai/AppData/Local/Programs/Python/Python37/python.exe" "d:/python/Minggu Ke 4/# Return value.py"
24
PS D:\python>
```