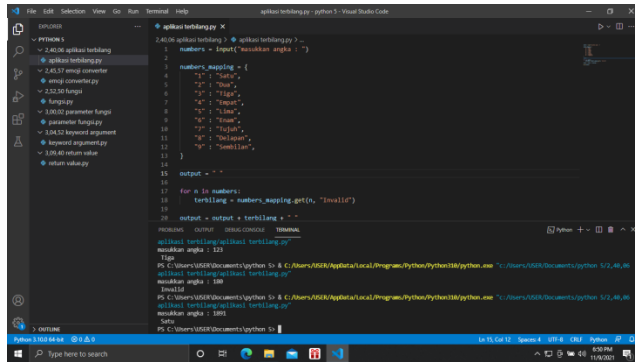
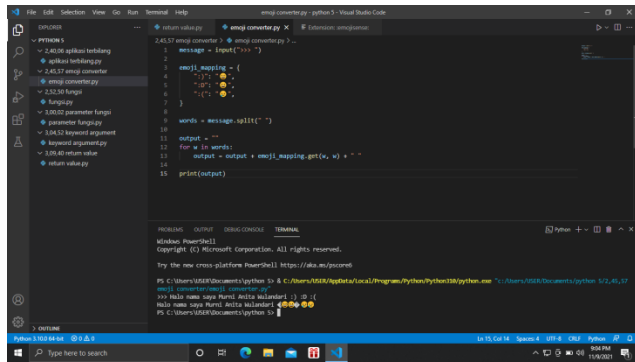


## 1. Aplikasi Terbilang:



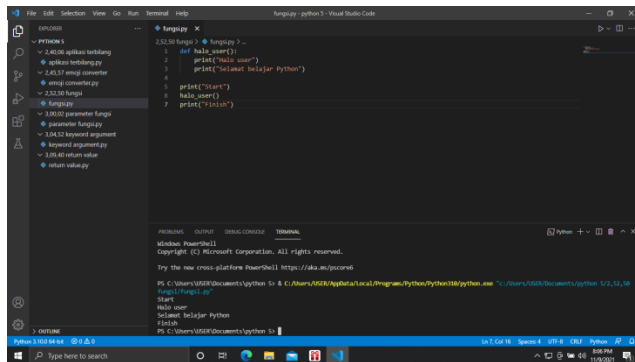
```
1 # aplikasi terbilang.py
2
3 numbers = input("Masukkan angka : ")
4
5 numbers_mapping = {
6     "0": "nol",
7     "1": "satu",
8     "2": "dua",
9     "3": "tiga",
10    "4": "empat",
11    "5": "lima",
12    "6": "enam",
13    "7": "tujuh",
14    "8": "delapan",
15    "9": "sembilan",
16 }
17
18 output = ""
19
20 for x in numbers:
21     terbilang = numbers_mapping.get(x, "invalid")
22     output = output + terbilang + " "
23
24 print(terbilang)
25
26 # Test
27 PS C:\Users\USER\Documents> python3 aplikasi_terbilang.py
28 Masukkan angka : 123
29 123
30 PS C:\Users\USER\Documents> python3 aplikasi_terbilang.py
31 Masukkan angka : 585
32 585
33 PS C:\Users\USER\Documents> python3 aplikasi_terbilang.py
34 Masukkan angka : 1000
35 1000
```

## 2. Emoji Converter:



```
1 # emoji_converter.py
2
3 message = input("Masukkan pesan : ")
4
5 emoji_mapping = {
6     "love": "💕",
7     "happy": "😄",
8     "sad": "😞",
9     "angry": "😡",
10    "tired": "😴",
11 }
12
13 words = message.split(" ")
14
15 output = ""
16
17 for w in words:
18     output = output + emoji_mapping.get(w, w) + " "
19
20 print(output)
21
22 # Test
23 PS C:\Users\USER\Documents> python3 emoji_converter.py
24 Masukkan pesan : I love Python
25 I💕Python
26 PS C:\Users\USER\Documents> python3 emoji_converter.py
27 Masukkan pesan : I am happy
28 I😄am happy
29 PS C:\Users\USER\Documents> python3 emoji_converter.py
30 Masukkan pesan : I am sad
31 I😞am sad
32 PS C:\Users\USER\Documents> python3 emoji_converter.py
33 Masukkan pesan : I am angry
34 I😡am angry
35 PS C:\Users\USER\Documents> python3 emoji_converter.py
36 Masukkan pesan : I am tired
37 I😴am tired
```

## 3. Fungsi:



```
1 # fungsi.py
2
3 def halo_user(name):
4     print("Halo user!")
5     print("Selamat belajar Python!")
6
7 # Test
8 PS C:\Users\USER\Documents> python3 fungsi.py
9 Halo user!
10 Selamat belajar Python!
11 PS C:\Users\USER\Documents> python3 fungsi.py
12 Halo user!
13 Selamat belajar Python!
14 PS C:\Users\USER\Documents> python3 fungsi.py
15 Halo user!
16 Selamat belajar Python!
17 PS C:\Users\USER\Documents> python3 fungsi.py
18 Halo user!
19 Selamat belajar Python!
20 PS C:\Users\USER\Documents> python3 fungsi.py
21 Halo user!
22 Selamat belajar Python!
23 PS C:\Users\USER\Documents> python3 fungsi.py
24 Halo user!
25 Selamat belajar Python!
26 PS C:\Users\USER\Documents> python3 fungsi.py
27 Halo user!
28 Selamat belajar Python!
29 PS C:\Users\USER\Documents> python3 fungsi.py
30 Halo user!
31 Selamat belajar Python!
32 PS C:\Users\USER\Documents> python3 fungsi.py
33 Halo user!
34 Selamat belajar Python!
35 PS C:\Users\USER\Documents> python3 fungsi.py
36 Halo user!
37 Selamat belajar Python!
```

## 4. Parameter Fungsi:

```
parameter fungsi.py - python 3 - Visual Studio Code
EXERCISES
1. parameter fungsi > parameter fungsi 2...
1 def halo_user(name):
2     print("halo ", name)
3     print("selamat belajar Python")
4
5 print("Start")
6 halo_user("Hurni")
7 print("End")

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Windows PowerShell
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PS C:\Users\USER\Documents> python 3 & C:\Users\USER\AppData\Local\Programs\Python\Python38\python.exe "C:\Users\USER\Documents\python\3\parameter_fungsi.py"
Start
halo Hurni
selamat belajar Python
End
PS C:\Users\USER\Documents> python 3
```

## 5. Keyword Argument:

```
keyword argument.py - python 3 - Visual Studio Code
EXERCISES
3.04.52 keyword argument > keyword argument.py 2...
1 def halo_user(level, name):
2     print("halo ", name, ":", level)
3     print("selamat belajar Python")
4
5 print("Start")
6 halo_user(level=10, name="Hurni")
7 print("End")

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PS C:\Users\USER\Documents> python 3 & C:\Users\USER\AppData\Local\Programs\Python\Python38\python.exe "C:\Users\USER\Documents\python\3\keyword_argument-keyword_argument.py"
Start
halo Hurni : 10
selamat belajar Python
End
PS C:\Users\USER\Documents> python 3
```

## 6. Return Value:

```
return value.py - python 3 - Visual Studio Code
EXERCISES
3.05.40 return value > return value.py 2...
1 def multiply(a, b):
2     result = a * b
3     return result
4
5 # input
6 # process
7 # output
8
9 result = multiply(2, 10)
10 print(result) #hasil yang diinginkan = 2 * 10 = 20

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PS C:\Users\USER\Documents> python 3 & C:\Users\USER\AppData\Local\Programs\Python\Python38\python.exe "C:\Users\USER\Documents\python\3\return_value-return_value.py"
20
PS C:\Users\USER\Documents> python 3
```