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Nim : 20.01.013.006

Kelas : AI-A

Py-5

1. Aplikasi terbilang

```
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 }
14 output = ""
15 for n in numbers:
16     terbilang = numbers_mapping.get(n,
17     "invalid")
18     output = output + terbilang + " "
19     print(output)
```

```
← TAB _ ⋮
masukkan angka : 11221
Satu
SatuSatu
SatuSatuDua
SatuSatuDuaDua
SatuSatuDuaDuaSatu
[Program finished]
```

2.emoji converter

```
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)
```

```
t: Do It/pertama.py
>>> saya suka main mobile legends :)
saya suka main mobile legends 😊
PS E:\Just Do It>
```

3.fungsi

```
new*
1 def halo_user(name, kelas):
2     print(f"Hallo {name} dari kelas
3     {kelas}")
4     print("selamat belajar phyton")
5
6     print("start")
7     halo_user("hadijatul kadri", 3)
8     print("=====")
9     halo_user(kelas=5, name="badut")
10    print("finish")
```

```
Selamat Belajar Python
=====
Hallo Badut dari kelas 5
Selamat Belajar Python
Finish
PS E:\Just Do It>
```

4.parameter fungsi

```
pertamapy > ...
1 def halo_user(name, kelas):
2     print(f'Hallo {name} dari kelas {kelas}')
3     print("Selamat Belajar Python")
4
5 print("Start")
6 halo_user("Mar'i Vustiardin", 3)
7 print("=====")
8 halo_user("Badut", 5)
9 print("Finish")
```

```
Hallo Mar'i Vustiardin dari kelas 3
Selamat Belajar Python
=====
Hallo Badut dari kelas 5
Selamat Belajar Python
Finish
PS C:\Users\De Tio>
```

5.keyword Argument

```
new*
1 def halo_user(name, kelas):
2     print(f'Hallo {name} dari kelas
3     {kelas}')
4     print("selamat belajar phyton")
5
6     print("start")
7     halo_user("hadijatol kadri", 3)
8     print("=====")
9     halo_user(kelas=5, name=" badut")
10    print("finish")
```

```
Selamat Belajar Python
=====
Hallo Badut dari kelas 5
Selamat Belajar Python
Finish
PS C:\Users\De Tio>
```

6.return value

```
perlama.py > ...  
1 def multiply(a, b):  
2     result = a * b  
3     return result  
4  
5 result = multiply(4, 5)  
6 print(result)
```

```
PS E:\Just Do It> & "C:/Users/UMT E-SPORT/AppData/Local/Programs/Python/Python38-32/Scripts/python" -c "import sys; sys.path.append('E:/Just Do It/pertama.py'); import multiply; print(multiply(4, 5))"  
20  
PS E:\Just Do It> |
```