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1. Aplikasi terbilang

```
number = input("masukkan angka:")

number_mapping = {
    "1" : "satu",
    "2" : "dua",
    "3" : "tiga",
    "4" : "empat",
    "5" : "lima",
    "6" : "enam",
    "7" : "tujuh",
    "8" : "delapan",
    "9" : "sembilan",
}

#menggunakan dictionary dalam penginputan angka
output = ""

for n in number :
    terbilang = number_mapping.get(n, "invalid")

    output = output + terbilang + " "

print(output)
```

2. Emoji Converter

```
pesan = input(">>> ")

emoji_mapping = {
    "@" : ":)",
    "#" : ":((",
    "%" : ":%|"
}

kata = pesan.split(" ")

output = ""
for k in kata :
    output = output + emoji_mapping.get(w,w) + " "
```

```
print(output)
```

3. Fungsi

```
def halo_user():  
    print("hello user")  
    print("selamat belajar")  
  
print ("start")  
halo_user()  
print("finish")
```

4. Parameter Fungsi

```
def halo_user(nama):  
    print(f"hello {nama}")  
    print("selamat belajar")  
  
print ("start")  
halo_user("faruq")  
print("finish")
```

5. Keyword Argument

```
def halo_user(nama,level):  
    print(f"hello {nama} - {level}")  
    print("selamat belajar")  
  
print ("start")  
halo_user("faruq",10)  
print("finish")
```

6. Return Value

```
def halo_user(nama,level):  
    print(f"hello {nama} - {level}")  
    print("selamat belajar")  
    return 100  
  
temp = halo_user("faruq",10)  
print(temp)
```