```
all(["", "tr", 1]) #içeride bir tane bile False değer olursa False döner
```

```
False
```

```
all({})  #boş collectionlar True döner
all([])
all(())
```

```
True
```

```
any(["", "tr", 1]) #içeride bir tane bile True değer olursa True döner
```

```
True
```

```
any({}) #boş collectionlar False döner
```

```
False
```

```
any([])
```

```
False
```

```
# filter() fonksiyonu

number_list=[1, 2, 3, 4, 5, 6, 7, 8, 9, 10]
result= list(filter(lambda x:x%2==1, number_list))
print(result)
```

```
[1, 3, 5, 7, 9]
```

```
listem = [None, "0", "İstanbul", ()]
filtered = filter(None, listem)
print(*filtered)
```

```
0 İstanbul
```

```
# enumerate() fonksiyonu

grocery = ['bread', 'water', 'olive']
enum_grocery = enumerate(grocery)
print(type(enum_grocery))
print(list(enum_grocery))
enum_grocery = enumerate(grocery, 10)
print(list(enum_grocery))
```

```
<class 'enumerate'>
[(0, 'bread'), (1, 'water'), (2, 'olive')]
[(10, 'bread'), (11, 'water'), (12, 'olive')]
```

```
# sum() fonksiyonu   iterabl durumdaki rakamlarda her basamaktaki rakamları birbir ile to
```

```
# sum() fonksiyonu - iterabl dağılımdaki rakamlarda her basamaktaki rakamları birbir ile to

numbers = [2.5, 30, 4, -15]
numbers_sum = sum(numbers)
print(numbers_sum)
numbers_sum = sum(numbers, 20)
print(numbers_sum)
```

```
21.5
41.5
```

```
def multiply (a, b) :
  print(a*b)
multiply(3, 5)
multiply(-1, 2.5)
multiply("amazing ", 3) # it's really amazing, right?
```

```
15
-2.5
amazing amazing amazing
```

```
def add(a, b):
    print(a + b)
add(4, 6)
```

```
10
```

```
10
None
```

```
def calculator(a, b, opr):
    if opr == "+":
        print(a+b)
    elif opr == "-":
        print(a-b)
    elif opr == "*":
        print(a*b)
    elif opr == "/":
        print(int(a/b))
    else:
        print("Enter valid arguments")
calculator(36, 6, "/")
```

```
6
```

```
def mul(x, y):
    return x + y

aa = mul(2, 5)
print(aa)
```

```
7
```

```
print(type(print("type", print("print"))))
```

```
print
type None
<class 'NoneType'>
```

```
def boolean():
    return True
if boolean():
    print("ben çalıştım")
else :
    print("beni rahatsız etmeyesen.")
```

```
ben çalıştım
```

```
def calculator(a, b, opr):
    if opr == "+":
        return a+b
    elif opr == "-":
        return a-b
    elif opr == "*":
        return a*b
    elif opr == "/":
        return a/b
    else:
        return("Enter valid arguments")
```

```
calculator(36, 6, "/")
```

```
6.0
```

```
def absolute_value():
```