

Ilk Ders Dosyasi

Bu derste, jupyter notebooka ve pythona giris yapacagiz.

```
print("Merhaba!")
```

Merhaba!

```
print("X")
```

X

```
if 3>4 :  
    print("BUYUK")  
    print("5 4 ten büyük")  
    print()
```

```
print("Bir space daha")
```

Bir space daha

```
if                                     (5>4)  
{  
    printf("BUYUK");  
}
```

```
x = 3
```

```
print(x)
```

3

x

3

```
# Virgullu sayi oldugu malum oldu pythona
```

```
y = 5.0
```

```
print(y) # y nin degerini ekrana yazdir
```

5.0

y

5.0

```
ş = 11
```

```
"""
```

```
dfkljafsddjkl
```

```
kjadfsjk
```

```
fdskjfdsj
fdkjasf;j    /*    */
"""
```

```
print(ş)
```

```
11
```

```
karsilama = "Hosgeldin"    # metin veya string turunde degisken
```

```
print(karsilama)
```

```
Hosgeldin
```

```
x = "merhaba"
```

```
print(x)
```

```
x = 5
```

```
print(x)
```

```
x
```

```
merhaba
```

```
5
```

```
5
```

```
x
```

```
5
```

```
x=int(x)
```

```
-----
-----
ValueError                                Traceback (most recent call
last)
Cell In[44], line 1
----> 1 x=int(x)
```

```
ValueError: invalid literal for int() with base 10: 'merhaba'
```

```
x
```

```
5
```

```
x = y = z = 3
```

```
x = int(5)
```

```
print(x)
```

```
merhaba
```

```
x = "merhaba"
x = 'merhaba'

x = int(5.0)

ogrenciler = ["ali", "burak", "cengiz","davut","emre"]

print(ogrenciler)

['ali', 'burak', 'cengiz', 'davut', 'emre']

ogrenciler[0]

'ali'

ogrenciler[0] = "ahmet"

print(ogrenciler)

['ahmet', 'burak', 'cengiz']

a, b, c = ogrenciler

a

'ali'

b

'burak'

c

'cengiz'

ogrenciler[3]

'davut'

ogrenciler[4]

'emre'

ogrenciler[5-1]

'emre'

ogrenciler[-1]

'emre'

ogrenciler[-2]

'davut'
```

```
ogrenciler[1:3]
['burak', 'cengiz']
ogrenciler[-4:-2]
['burak', 'cengiz']
if "hakan" in ogrenciler:
    print("Cengiz bizim bir ogrencimiz")
else:
    print("Cengiz bizim ogrencimiz degil")
Cengiz bizim ogrencimiz degil
ogrenciler[1:3]
['burak', 'cengiz']
ogrenciler[1:3] = ["banu", "can"]
ogrenciler
['ali',
 'banu',
 'can',
 'davut',
 'zoltan',
 'emre',
 'hakan',
 'kazim',
 'hasmet',
 'hasan',
 'haşmet',
 'hasan']
ogrenciler.insert(4,"zoltan")
ekstraOgrenciler = ["haşmet","hasan"]
ogrenciler.extend(ekstraOgrenciler)
ogrenciler[7] = "kazim"
ogrenciler.remove("zoltan")
öğrenciler = [1,23,4,5]
öğrenciler
[1, 23, 4, 5]
ogrenciler
```

```
['ali', 'davut', 'zoltan', 'emre', 'hakan', 'kazim', [2]]
```

```
ogrenciler.remove([1])
```

```
ogrenciler.pop(-1)
```

```
'hasan'
```

```
sonOgrenci = ogrenciler.pop()
```

```
sonOgrenci
```

```
'hasmet'
```

```
del ogrenciler[1]
```

```
ogrenciler.append([1,2])
```

```
ogrenciler[-1].remove(1)
```

```
ogrenciler[-1]
```

```
[2]
```

```
ogrenciler.clear()
```

```
ogrenciler
```

```
-----
```

```
-----
```

```
NameError                                Traceback (most recent call  
last)
```

```
Cell In[186], line 1
```

```
----> 1 ogrenciler
```

```
NameError: name 'ogrenciler' is not defined
```

```
del ogrenciler
```