

Casting: Casting is when you convert a variable value from one type to another.

```
a = int(10)
b = int(10.0)
c = int('10')
print(a,b,c) # 10 10 10
```

```
d = float(10)
e = float(10.0)
f = float('10')
print(d, e, f) # 10.0 10.0 10.0
```

```
g = str(10)
h = str(10.0)
i = str('Sajeed')
print(g,h,i) # 10 10.0 Sajeed
```

```
# convert list to set
l1 = [10,20,30,40,50,10,20]
s1 = set(l1)
print(s1) # {40, 10, 50, 20, 30}
```

```
# convert set to list
s1 = {10,20,30,40,50, 10,20}
l1 = list(s1)
print(l1) # [50, 20, 40, 10, 30]
print(l1[0]) # 50
```

```
# covert set to tuple  
s1 = {10,20,30,40,50, 10,20}  
t1 = tuple(s1)  
print(t1) # (50, 20, 40, 10, 30)  
print(t1[0]) # 50
```