operators (bodean result) Membership not in in-> val, val2 Sequential \*\* val2 = 'Pg val1 = 'P' True = vali in vale

Falte = vali not in vale -> Sequential

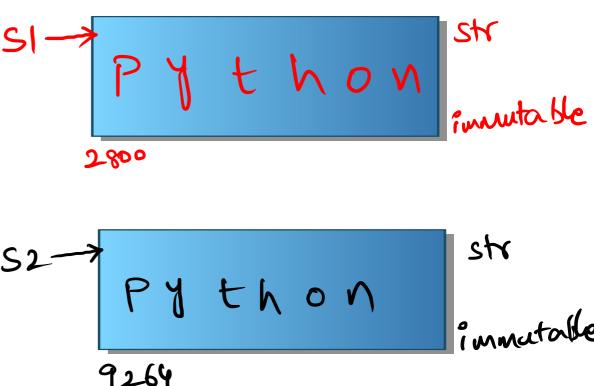
```
s1 = 'python'
s2 = s1.lower()
print(s1, id(s1))
print(s2, id(s2))
```

```
python 139695536122800

python 139695183249264

= =  will consider data True
```

is will consider memory id False



hyderabad 139695260142896 hyderabad 139695260142896



$$S1 = = S2$$
 True  $S1$  is  $S2$  True

Vall	Val 2	Rosult
True	True	True
True	Falle	True
Falle	True	True
Falle	Folke	falles

OR			
valı	is True, result	is	Vall
Vali	is Falte result	1/8	valz

Val 1	Val 2	Rosult
Success	Success	Success
Suclay	Foilure	Success
Failure	Success	Success
Foilure	Foilure	Failure

voli is success, result is vall vali is Foilure, result is val2

Vall	Val 2	Rosult
True	Time	True
True	Folle	Falle
Falle	Tive	Falle
Folse	folle	folle

vall is True, result is val	
vall is False, result is val	

Val 1	Val 2	Rosult
Success	Success	Success
Success	foilure	follure
failure	Success	Foilure
Foilure	Foilure	Failure

vali is Failure, result is vali

not (toolean) Success False Falvre True

Forluse Success True +ve -ve 'python' Falle O Nove

