Assignment Operators De con combine asignment opvealor to assign value to the variable. 2=10. We can combine assignment operator with some other operator to form compound assignment of assignment operator. Eg) 2 +=10 5 - (CH OI) WOON = X = X+10 (+=)-=/*=//=//=//=/ \(= \) \(= \) \(= \) \(= \) \(= \) 0/1/0/0/0/0/0/0/0/0/ Print(a) == 30 Eg, 2210 28=5 print (2) => 0

Ternory Operator!
2 = first value if condition else second value

If condition is True then first value will be

Considered else Second value will be Considered.

Eg 1:
a, b = 10, 20

2 = 30 ef a/b else 40

print (n) # 30

Et Read two neinbers from the key board and print oninionum values: a = int (input ("Enter First Number:") 6= ent (input ("Enber Second Humber:") min = a efall else le Arent (a Mérimum Value :", min) Enter Forst Number: 10 Enter Second Mumber: 30 Ménioneem values: 10 Note: - Nesting of ternary operator is

Eggi Forgoom for minioum of 3 oremlers as cost (comput ("Enter the Forst Mumber!")) 6 = Ent (input ("forter the Second Mumbers")) e = cont (input (" Eather the Third Number: ")) min = a if axi and axe else 6 if b/celse? print (" Missionum Value!", onin) gg 4. Foggram for maximum of 3 numbers: a = int (input ("Enter Farst Humber")) be int (confut (a Enter Second Number ?)) ez int (input (" Enter Thered Number")) onax = a ef a > 6 and a s c else b ef b) c else c Print (" Maxionum value:", max)

Egt a = int (Enfut ("Enter Frest Number")) b= int (Exput (" Entere Second Number: ")) print (" Both ournbers are equal" if a==6 Else "First Number is less than Second Humber net alb else 4 First Number Erreater thom Second Mumber 11)

sulfut:-

Enter First Humber: 10 Enter Second Mumber: 10 Both numbers are equal

Entrer Forst Mumber: 10 Enter Second Mumber: 20 First Humber is Less than Becomd Munder

Enter Ferst Member: 20 Enter Scond Mamber: 10 Ferst Homber Brester than Scoul Mumber.

Special Operators Tython oleferes the following 2 1) Thenkity Operators. 2 Membershet oferators. () Identity of evolors for volderers confarison. 2 identity operators ore available 2. is not 81 is 82 retevens True if both 121 and 12 are pointing to the same object. DI is not one reliving Town of both of and one are not pointing to the same object. Frint (a is 6) True 2 = True print (2 isy) True

Eg) a= "Mango" 1 = " Mango" print (id(a)) print (ld(e)) print (ais 6) list 1 = ["one", "touo", "there"] lest 2 = [" One", "two", "twee"] print (id (lest1)) print (id (ist2)) Front (lest 1 is lest 2) False print (lest 1 es not lest 2) True print (list 1 = = lest 2) True · We can use is oferator for address confareson where as = = operator for content confareson. Membership Operators:

We can use Membership operators

to Check eachethere the given object present

to the given collection. (It may be string)

to the given collection. (It may be string)

to the given collection.

List, Set, Tufle or Dect)

List, Set, Tufle or Dect)

Ling Returns True if the geron object

fresent in the specifical collection.

fresent in the specifical collection.

And present in the specifical collection.

2 2 " hello leaving Python is very eary!!!" print ('h' in x) True
print ('d' in x) False print (ol' not in 2) True print ('Python' in x) True list 1 = ["seenny", "beenny", "Chinny", benny"] print [" sunny" in list!) True frint ("tunny" en list 1) Folse print ("tunny" not in list 1) True

Closery operators act on single

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Operands. Python supports unary minus

operator. when an operand is preceded by

a minus (-) sign, the unary operator

regates its value.

(2) b=10

a=-6 point (a) \(\frac{2}{3} \) -10

Operator Precedence: If multiple operators present steen which operator will be evaluated first is decided by operator presente Egt frent (3 + 10*2) -> 23 print ((3+10) +2) > 26. The following list des vielees operators precidence in Python. 0=30 6 = 20 C2 10 print((a+6) *c/d) 100 100 print ((a+6)*(c/d)) 70.0 print(a+(b*c)/d)

Operator précédence chart ** Exponentiation がりナノー Conflement, unavy plus (posétive), minus (negotive Multiply, olivede, modelo and floor devision. *,1,%,11 Addition and subtraction +,-Right and left between shift >> / << Bitwese AND' 9 Between exclusive 'OR' and regulare 'OR'
Companison ofereafors. 1 (=/(/))= Equality of veators. 4/,==)!= = , /= , /= , /= , /= , *= , *= Assignment oferator Identity operators. is, is not Membership operators. in, not in Logical oferators. not, or, and