is used to Berform OH 11)23 " * " This operator two operations. 1> Multiplication. 2> Repeating sequence number of times. Examples: E1-81=5 02=2 03=01402 Doint (n1, n2/n3) 8.- f1 = 1.5 f2=2.5 f3=f1*f2 print (f1, f2, f3) Of 1.5 2.5 3.25 Ep: 01 = 50 1.5 71) poin+ (81) 90 7.5 Eg: 02 = 54 troue >>) poin+(82) O/p 5 sequence (must be) Eg: - list] = [0] integer (must be) >>> list 1 = lis+1 * 10 >>> point (US+1) 0/6:-[0,0,0,0,0,0,0,0,0,0,0]. go. S1 = "abc" S2=5*S1 brint(s2)

abababababab. \$777 pool n+ ("-" * 30) >>> print (30 * " * ") >>> W+2 = LEJ *20 >>> point (16+2) 5,5,5,5,5,5,5,5,5

WAP to find area of reinctangle. # area = 1 + 6. 1 = float (input ("enter value of 1"))

5 = float (input ("enter value of b")) Brint (f' area of sectangle with 1= 21:. Eff and b= 26: 2ff is area = 1xb. ¿ wea: . 2f } The :- enter value of 1 1.2 enter value of b 1.5 area of rectargle with l=1.20 and b=1.50 is 1-80. # / division operator of float division operator. This operator divide two numbers and return value as float type. Examples: F) 21 = 5/2 (S) 95 = 0/5 >>> byu+ (51) >>> pront(25) -> 2.5 2) >>> 22 = 42 >>> point (23) -> 2.0 (3) 93 =4/2:0 >>> print (23) -> 2.0 4)94 = 4/0 Zero Doutsion Error: division by Zow.

```
# W.A.P to find simple interest.
 # Si = Pto/100. rate.
                                           (der) takes.
Soln: - Pe Hoat (inbut - ("Amount"))
       t = int (input ("time"))
       or: flood (input ("rate"))
                                            012 18 500
  SP = Pl8/100
 doln! P = float ("nput("A'mount"))
       t= "n+ ( Paput (" Fine"))
        8= float ("n put (" Rate"))
      S1 = ptr/100.
      point ( f " Amount & P3
        Time Et3
                     North Diff of MAP to delete. last of
          Rate 28)
          Simple Interest & Sis. 2f3")
 Examples: # N.A.P to Employ scool no, name 3 subject mounts
       # calculate total and any morks.
      roll no = ("nput ("Enter the roll no"))
       rame = Propert (" enter the name")
       subji = inter ("enter the subji Marks"))
       Sub 2 = " part Port ( 11 (" 10 11 sub2 11")
       Jub 3 = 9 mt ( 11 (" 10 co subject 11)
       total = Seub ] + Seub 2 + Seub ]
        aug = total/3.
        posit (for Round Evolusio 3/t Name grame)
              3 ubj 1 Esubit 3/t subj 2 Esubj 23/t subj 3 & subj 3 }
               Total Etotal 31 Aug Earg: . 243")
```

Q= a= int (input()) b=9n+ (9nput(1) print (a+b) point (a-b) porn+ (a * b) Il floor division operator or Enteger division. 1) >>> 81 = 5/2 83 = 5/12.0 >>> byu+(27) >>> print (23) 11 2010 10) Sy = 5/20 (2) 82 = 5/2 >>> |00,4+(05) >>> Þyut (21) 2-5 Examples: - # N.A.P to delete last dégêt of number. Dum =456 pon+(num) And 11 45: 9.41 \$ 1010 sum = sum//10 print (num) losor ofpinion 4. # % Modelo operatol: This operator duildes two number and return siemainder.) >>> dem 1 = 5% 3 >>> print (rem1) (2) sem 2 = 4%2 >>> psn+(sem 2)

Examples: - # N.A.P to seead last digit of number. num=456 0/6 => 456 læstdeget = num % 10 posn + (num) point (last digit) [voter: water] x . Troper? a realth bouldule ** Power of operator one exponent operator. () >>> res1 = 5##2 x - Pouro >>> polint (num) bant (restdiget) >>> point (8081) Postatve. , -VE. 2 res2 = 5 ++ 0 do 11.1.0, x . >>> poso+ (res 2) (3) res 3=10 ** -1 >>> Print (res3) 0.1. # Precedence of Operators: The follower pg table summarisses the operator breedence En python, from helyest precedence (most bending) to bourst precedence (least bending) pocators in the Same box have the same percedence Eurless the Syntax is explicitly fiven reperators are binary. Operators in the same box group left to right (except for exponentiation and conditional expressions, which group from right to left).

operator

(expressions...), Exay: value..., Expressions...?

·X[index], X[index; index], X(auguments...), X. attribute.

· amait X

0 米米

e +x, -x, ~x

0 * , @ , 1 , 11 , %

• +, -

· << , >>

0 1

0 1

•

· not X

· and

0 09

Description,

Binding or foranthesized expression list diplay, dictonary display, set display.

subscription, sticing, call,

Await expression.

exponente at hon 5.

positive, -ve, bitueise NOT.

Multiplication, motsex prutiplication, druision, floor duision,

Addition and substoaction,

shifts.

Bitulise AND

Bituels e XOR

Bituise OR.

comparisons, including ...
onembership tests and Elevitity
tests.

Boolean NOT.

Boolean AND

Boolean OR

if -else	conditional expression
lambda	Lambda expensión.
:=	Assignment expection.