```
If we want to Execute some action for Every element
for loop?
  If we some Sequence (It may be string or collection) then present in some of land.
   coe should go for for loop.
   Syntaxs
      for x in Sequence:
         pody
     Ex & dhapps"
            for ? ind:
                print(i)
          Sutput : (Try)
       · Ene- for 9 in $1,2,3,4% ?
                 print ("hello world")
            Olp: helloworld
                  hello world
                   helloworld
                   helloworld manner a manner I bugailted on
         Ex : for i in range (0,10):
                       brinf (;)
               0/ p 0-
```

The second of th

THE CASE AND

```
for ? in range (0, 10,2):
  print (1)
olpe-10
       4
Eng for 9 in range (10,00, -1):
         print (i)
   0/p= 19
  Sum of n numbers program?
   Using water loop -
       no = int(input ("Enter a number"))
        9um = 0
        for 9 in range (0, no+1):
             Sum = Sum + ?
        print (sum)
       Olp = enter a numbers
```

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using while loop &
    n=9nt("nput ("enter a no"))
     100
     sum=0
     while iz=n:
          Sum = Sum + ?
          1=1+1
     print (Sum)
   Olp: enter a no5
         15
Nested loop -
Ent for i in range (2):
          print (" im outer loop")
          for i in range (2):
               print ("Inner loop")
    olps Im outer loop
          inner loop
          inner loop
          In outer loop
           inner loop
           inner loop
                                     don't sold stat prot
Eng. 9=0
    while izz:
          print (" hi")
                                       olp?
                                              hello
          1=0
          while juz:
                                              hella
                                              hi
                Print (" hello")
                                              hello
          1=141
                                             hello
```

```
Transfer Statements &
 python Supports 2 types of Transfer statements.
  · break
  · Continue.
  break:
   We can use break Statement Posside loops to but
  loop Execution based on some Condition.
 EN O-
   for ; in rande(10):
         if i== t:
              Print ("enough lets take break")
               break
           Print (1)
   0(p%
     enough lets take break.
```

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6-1

```
Continue ?
 It skips the Current Execution
 Eng-for ? in range (10)?
         print ("lets skip")
               Confinue
           (i) tring
  0/60-
        3
4
5
6
lets skip
         89
Torkt bylue umper Doodram.
```