#1   Nested Conditionals :

     *   if (Cond 1):

           if (cond 2):

             :

           elif (cond 3) :

             :

           else :

        else :

         :

Q1   Python program to compare two numbers.

     a = int (input ("Enter A : "))

     b = int (input (" Enter B : "))

     if (a = = b) :

        print (" Eqbal ")

     else:

        if (a < b) :

           print (" a is less ")

        else :

           print (" b is less")

#2   Iteration :

     * while loop

        - Entry controlled loop.

        — Syntax :

           while <condition> :

              Body of while.

        - ① Initilization

          ② Condition

          ③ increment / decrement

```
Q2    n = int (input("Enter  n: "))
      i = 1
      while (i <= n):
            print (i)
            i = i + 1


Q3    n = int (input ("Enter  n: "))
      i = 1
      s = 0
      while (i <= n):
            s = s + i
            i = i + 1
      print (s)
```