```
Task 2:- Implement Conditional, control and looping statements
   Aim = To implement conditional, control and looping statements using
 a) you are developing a simple grade management system for a school. The system heeds to determine the grade of a student based on their score in
 the grading system follows these rules:
  If the score is between to and 89, the grade is "B".
  If the score is between to and 89, the grade is "B".

If the score is between to and 69, the grade is "D".

If the score is between to and 69, the grade is "D".

If the score is between the arade is "E".
   If the score is below the grade is "F".
Get the input mark from the user tement do sith the use of an If-elif-else statement do with the use of an If-elif-else statement do
     * If the mark is between 80 and 89 Print grade"B".
     * It the mark of between 70 and 79 print grade "C"
      * It the mark is between 60 and 69 print grade "D".

* If the mark is between 60 and 69 print grade "D".
      * If the mark is below 60, Print grade"F".
4. stop
  Score=int (input ("Enter the score:"))
Program:
       print (" the Grade is A")
     of score = 90:
   elif (score = 89 and score>=80):
         print ("the Grade is B")
        elif (score == 79 and score >= 70):
          print (" the Grade 15 C")
            elff (scorez=69 and score >=60):
                                                                          ELL BETH
             print (" the Grade is D")
                                                            EXIGO.
                print ("the Grade is F").
```

Output:- ========= RESTART: C:\use

Enter the score: 60 the Grade is D.

Algorithm:

2) Display "The first 10 natural numbers are:"

Juse a for loop for generating the numbers.

w) print the output.

5) Stop

program:

Displaying the first 10 natural numbers Print on the first 10 hatural humber are:") for fin range (1,11): # loop from I to 10 print (1)

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Ex No.		
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Output:-Enter the number: 5 the number of digits in 5 9s: 1 ZZ======== RESTART: C: \USers\91979\ Enter the number: 55 in 55 is: 2. The number of digits in 55 is: 2.

C. you are working on a feature for a financial application that involves validating user input. One of the requirements is to count the total number of digits in a given number.

Algorithm:

2) get the Paput from the user. 1) start.

3) convert the integer to string using stri). w uselen function to find number of digits.

5) Print the output.

degit = int (input ("Enter the Number:")) string = str (digit) # since Integer doesn't have len() program: print ("The number of digits in ", digit "is: ", is: ", count)

Result: - thus, the python program to implement conditional, control and looping statements was done successfully.

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