

* Programs

```
score = int(input("Enter the score:"))
if score >= 90:
    print ("The Grade is A")
elif (score <= 89 and score >= 80):
    print ("The Grade is B")
elif (score <= 79 and score >= 70):
    print ("The Grade is C")
elif (score <= 69 and score >= 60):
    print ("The Grade is D")
else :
    print ("The Grade is F")
```

Output:

```
Enter the score : 60
The Grade is D.
```

Date: 4/18/25

Task-2 Implement Conditional, Control and looping statements

Aim: To implement Conditional, Control and looping statements using python.

- (a) You are developing a simple grade management system for a school. The system needs to determine the grade of a student based on their score in a test. The grading system follows these rules:

ALGORITHM:

1. Start
2. Get the input mark from the user.
3. with the use of an if-elif-else statement do:
 - If the marks >=90 print grade "A".
 - If the mark is between 80 and 89 print grade "B".
 - If the mark is between 60 and 79 print grade "C".
 - If the mark is between 40 and 59 print grade "D".
 - If the mark is below 40, print grade "F".



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Point C (the first 10 natural numbers are ":

```
for i in range(4, 11):
    print(i)
```

Output: the first 10 natural numbers are:

1
2
3
4
5
6
7
8
9
10

*PROGRAM:-

```
digit = int(input("Enter the Number : "))
```

long long int string = str (digit)
Count = len (String)
store in point (the number of digits in "digit" is
Count).

Output: Enter the number: 5
The number of digits in 5 is 1

Enter the Number : 55
The number of digits in 55 is 2.

conditional, control and looping statements can be done successfully.

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EX. No.	
PERFORMANCE (S)	
RESULT AND ANALYSIS (S)	
VIVA VOCE (S)	
RECORD (S)	
TOTAL (B)	
SIGN WITH DATE	

(b) You are developing educational program to help young students learn about natural numbers. One of the features of the program is to display the first 10 natural numbers to the user. write a python program that uses a for loop to print the first 10 natural numbers.