

1. Write a C Program to calculate the absolute value of an integer.

Ex - 1) Input = 100
Expected Output = 100
2) Input = -200
Expected Output = 200

2. Write a C Program to Calculate the Average of a Set of Grades and Counting the Number of Failing Test Grades (Take Grade as fail if less than 65)

A) Use for loop
B) Use While loop
C) Use Do-While

Ex - 1) **Expected Output :**
Enter the number of grades : 7
Enter grade #1 : 93
Enter grade #2 : 63
Enter grade #3 : 87
Enter grade #4 : 65
Enter grade #5 : 62
Enter grade #6 : 88
Enter grade #7 : 76

Grade Average = 76.29
Number of failures = 2

3. Write a C Program to determine if a Number is Even or Odd

Ex - 1) **Expected Output :**
Enter the number : 25
The number entered is Odd
2) **Expected Output :**
Enter the number : 54
The number entered is Even

4. Write a C Program to check the year entered is a Leap Year or not

Ex - 1) **Expected Output :**
Enter the year : 1955
No, it's not a Leap Year
Expected Output :
Enter the year : 2000
It's a Leap Year

5. Write a program to create a simple calculator to perform Addition, Subtraction, Multiplication and Division using switch statement. Take the required operation as input from the user.
6. Write a program to find out the sum of first n natural numbers.
Take n as input from the user.