**Assignment 2**

**1.**Write a C program to accept two integers and check whether they are equal or not.

Test Data : 15 15Expected Output :  
Number1 and Number2 are equal

**2.**Write a C program to check whether a given number is even or odd.

Test Data : 15  
Expected Output :  
15 is an odd integer

**3.** Write a C program to check whether a given number is positive or negative.

Test Data : 15  
Expected Output :  
15 is a positive number

**4.**Write a C program to find whether a given year is a leap year or not

Test Data : 2016  
Expected Output :  
2016 is a leap year.

**5.**Write a C program to read the age of a candidate and determine whether it is eligible for casting his/her own vote.

Test Data : 21  
Expected Output :  
Congratulation! You are eligible for casting your vote.