Lab-2 Control statement in C#

1. Write C program to test input number is odd or even.

```
C:\Windows\system32\cmd.exe
Check odd or even number:
9
number is odd 9
```

2. Write a C program to test whether given number is positive or negative and zero

```
C:\Windows\system32\cmd.exe
check positive or negative a number:
5
number is positive 5
 Press any key to continue . . .
```

```
C:\Windows\system32\cmd.exe
check positive or negative a number:
-7
number is negative -7
```

3. Write a C program to find largest number among three input number using nested if statement.

```
C:\Windows\system32\cmd.exe
Enter first number:
5
Enter second number:
6
Enter third number:
7
Given number is largest:  7
```

4. Write C program to read any digit (0-9) and display in respective word using switch case statement.

```
C:\Windows\system32\cmd.exe
Enter a digit to display in word below:
9
Nine
```

5. Write a C program to check input number is prime or not?

```
C:\Windows\system32\cmd.exe
check a Number is prime or not : 8
Given Number is not Prime. Press any
```

6. Write a C program to check whether given number is Armstrong or not.

```
C:\Windows\system32\cmd.exe
Check the Number is Armstrong or not:  371
Given number is Armstrong number.
```

7. Write a C program to check input number is perfect or not?

```
C:\Windows\system32\cmd.exe
Enter the Number perfect or not: 28

 given number is a perfect number

Press any key to continue . . .
```

8. Write a C program to find nth term of Fibonacci series.

```
C:\Windows\system32\cmd.exe
Find nth term of fibonacci number

Enter the number of elements: 9
0 1 1 2 3 5 8 13 21 Press any key
```

9. Write a C program to find sum of integer until user input negative number.

```
C:\Windows\system32\cmd.exe
Enter the number of elements: 4
5
6
-4
7
Sum of negative numbers: 14
```

10. Write a C program to compute cube of first a natural number using goto statement.

```
C:\Windows\system32\cmd.exe
Enter the value of n: 5
Cube of 1 = 1
Cube of 2 = 8
Cube of 3 = 27
Cube of 4 = 64
Cube of 5 = 125
```