**May 16, 2016 Tasks**

1)Given a Integer, find the maximum number that can be formed from the digits.

Input : 8754365

output : 8765543

2) Find the longest running positive sequence in an array -

Eg - [1,2,-3,2,3,4,-6,1,2,3,4,5,-8,5,6]

It should return 5, with start index : 1 and ends at 5

3) Write a program to test whether string s2 is obtained by rotating the string s1 by 2 places.

e.g S1="eagles" S2="elesag" return true

S1="quality" S2="lityqua" return false

4) Write a program to find duplicate elements in array and total count of duplicate elements.

eg. arr={5,3,4,6,7,5,3,2,1}

Duplicate elements:- 5,3

Total duplicate count:- 2