**LAB 4 Assignment 2**

1. Perform the following operations for deque

* 1. Initialize the object with {1,5,8,9,3}
  2. Print the size and max size of the object
  3. Add element 10 behind of the object
  4. Add element 20 in the front of the object
  5. Move to the 3rd element and insert 15. Print the values (use insert operation)
  6. Insert {7,8,9,10} to the beginning of the object and print
  7. Remove the last object and front object and print

1. <https://www.hackerrank.com/challenges/deque-stl/problem>

Given a set of arrays of size and an integer , you have to find the maximum integer for each and every contiguous subarray of size K for each of the given arrays.

**Input Format**

First line of input will contain the number of test cases *T*. For each test case, you will be given the size of array *N* and the size of subarray to be used *K*. This will be followed by the elements of the array *Ai*.

**Constraints**