Max Sum Subarray of size K

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Given an array of integers and a number K. Write a program to find the maximum sum of a subarray of size K.

Input:
First line of input contains a single integer T which denotes the number of test cases. Then T test cases follows. First line of each test case contains two space separated integers N and K where N denotes the number of elements. Second line of each test case contains N space separated integers which denotes the elements of the array.
Output:
For each test case print the maximum sum of a subarray of size K.

Constraints:
$1<=T<=100$
$1<=N<=10^5$
$1<=K<=N$

Example:
Input:
2
4 2
100 200 300 400
9 4
1 4 2 10 23 3 1 0 20
Output:
700
39