M03S01 [Arrays and Strings]: Exercise 01

CS110: Computing Lab
Department of CSE, IIT Guwahati
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Problem Description

Given a binary array, i.e., array containing only 0 and 1, and an integer k signifying number of flips allowed, write a program to find the position of 1s which when flipped will produce maximum continuous series of 0s.

Your program must take k as input from user during runtime of the program.

Example 1:
arr1 = {0 0 1 0 0 1 1 0 0 0}
k = 1
Expected Output: 3 [Remark: the expected output is 2 if you answer in terms of array index.]

Example 2:
arr1 = {0 0 1 0 0 1 1 0 0 0}
k = 2
Expected Output: 6, 7