Challenging Task 02

Task 01: Given an array of positive elements, find how many elements are to be removed from array to make max-min<=K. K is given positive number. You may have max-min>K, by removing highest & lowest elements new max-min will be smaller. Similarly, you have to find minimum number of elements, if removed max-min become lesser or equal to K:

Task 02: Initialize 2D array of size 10x10 by positive numbers < 10 at random. Find maximum size sequence in 2 rows that is identical. Find minimum size sequence in 2 columns that is identical. See example:

1 **2 3 4** 5

2 3 5 4 1

5 **2 3 4** 1

1 3 2 5 4

4 1 3 5 2

In above example of 5x5 array row 1 has 2 3 4 and row 3 has 2 3 4, that is probably the maximum size identical sequence. Similarly, you may see columns

Task 03: Initialize 2D array of size 10x10 by 0 & 1. Find largest 2D sub array inside the initial array having all elements either 0 or 1.