Approach

consider nums=[4,6,1,2] and k=2
for all i in nums array nums[i]-k gives =[2,4,-1,0]
for all i in nums array nums[i]+k gives =[6,8,3,4]
from the above data what is the info we can get that
-at i=0 it is possible to get any one of 2,3,4,5,6 [2,6] inclusive in nums
-at i=1 it is possible to get any one of 4,5,6,7,8 [4,8] inclusive in nums
-at i=2 it is possible to get any one of -1,0,1,2,3 [-1,3] inclusive in nums
-at i=3 it is possible to get any one of 0,1,2,3,4 [0-4] inclusive in nums
Now what are the number which are repeated maximum number of times in the above data