Jai Jain A-2 18M18(SO40 ADS LAB TEST trog No. 1 Approach: An array can be used to store elements and to keep track of the frequencies we can use halhomap to pair frequency to corresponding number class Test int find (int[] are, int ele) for (int := 0; i < length (are); i++)
{
 if (are [:] == ele) return i; return -1;
3 void prant Ell To print the top k numbers int [] top = new int [k+1];

(reale a Hashmap to track frequency HoshMap < Integer > Integer > freq = new HashMap < 70)
for (int i=0; i < k+1; i++) freq. put (i,0); for (int j=0; j < m; j++) if (freq. a [m]) freq. put (a[m], freq. get a[m]+1):

freq. but (a Con], 1);

Jai Jain A-2 ADS LAS TEST 1BM18 (S090 top [k] - a[m]: int i = find (top, a [m]); while (i>=0) Il compare the frequency and swap if Il heigher frequency element is there

if (freq (top (i) < freq. get (top (i+1)))

{

int temp = top (i); top[i] = top[iti]. top [it I] = temp; else if (freq (top[i]) == freq (top[i+1])) 22 (top[i] > top[i+1]) temp: top [i] top(i) = top(i+i); top(i+i) = temp; plee break ; 1 print topk elements
for (intx=0; x<k && top[j]!=0; x++)
& print (top[x]); Vold main int k=input() int over [] = imput []

1 = length (over) print (are, n, k)