Week-2

Ans1 Algorithm

1. Use binary search to get index of the first occurence of key element present at arr[0];
2. Let the index of the first occurence be i.
3. Use binary search to get index of the last occurence of key element occurence of arr[].
4. Let the index of the last occurence be j.
5. Return (j - i + 1).

Ans2 Algorithm

1. Enter the sorted array.
2. Take a for loop as(i=0; i<n ; i++)
3. Set k=1 and for every j>1,
   then, increment 1 <unit A[k]>=A[i]+A[j]
   and, increment the count of equality is achieved
4. STOP.