

Count the Pairs

Given N integers [$0 < N \leq 10^5$], count the total pairs of integers that have a difference of K. (Everything can be done with 32 bit integers).

Input Format

1st line contains N & K (integers).

2nd line contains N numbers of the set. All the N numbers are distinct.

Output Format

One integer - the number of pairs of numbers that have a diff K.

Sample Input :

5 2

1 5 3 4 2

Sample Output :

3

Sample Input :

10 1

363374326 364147530 61825163 1073065718 1281246024 1399469912 428047635
491595254 879792181 1069262793

Sample Output :

0