

## Assignment

### Question-1

Program to find frequency of each element in a vector using map in C++

Input: vec = {1, 2, 2, 3, 1, 4, 4, 5}

Output:

1 2

2 2

3 1

4 2

5 1

### Question-1

Given an integer array arr the task is to count the number of elements 'A[i]', such that  $A[i] + 1$  is also present in the array.

Input: arr = [1, 2, 3]

Output: 2

Explanation: 1 and 2 are counted cause 2 and 3 are in arr.

Input: arr = [1, 1, 3, 3, 5, 5, 7, 7]

Output: 0