**Longest Subarray Zero Sum**

#include <bits/stdc++.h>

int LongestSubsetWithZeroSum(vector < int > arr) {

// Write your code here

int max\_len = 0;

int sum =0;

int n = arr.size();

for(int i=0; i<n; i++){

int sum = 0;

for(int j=i; j<n; j++){

sum += arr[j];

if (sum == 0) {

max\_len = max(max\_len, j - i + 1);

}

}

}

return max\_len;

}