

```
#include<bits/stdc++.h>
using namespace std;

void update(int index,int value,int* BIT,int n){

    for(;index <= n;index += index&(-index)){
        BIT[index] += value;
    }
}

int query(int index,int* BIT){
    int sum=0;
    for(;index >0;index -= index&(-index)){
        sum += BIT[index];
    }
    return sum;
}

int main(){

    int n;
    cin >> n;

    int* arr = new int[n+1]();
    int* BIT = new int[n+1]();

    for(int i=1;i<=n;i++){
        cin >> arr[i];
        update(i,arr[i],BIT,n);
    }

    cout << "Sum of first 5 elements " << query(5,BIT) <<endl;
    cout << "Sum of elements from 2 index to 6 index " << query(6,BIT) - query(1,BIT)
    <<endl;
    return 0;
}
```