**Sum of given range**

Submissions: [2814](https://practice.geeksforgeeks.org/problem_submissions.php?pid=700531)  Accuracy:

74.28%

   Difficulty: [Easy](https://practice.geeksforgeeks.org/Easy/1/0/)   Marks: 2

Show Topic Tags   

You are given an array **arr** of size **N**. Your task is to complete the function **getSum()**to return the **sum**in the given range **a** and **b**.

**Note:** 0-based indexing is used.

**Input:**  
The input line contains **T**, denoting the number of testcases. Each testcases contains two lines. The first line contains N(size of array), a, b(range) separated by space. The second line contains N elements of the array separated by space.

**Output:**  
For each testcase in new line, print the sum in the required range.

**Constraints:**  
1 <= T <= 100  
1 <= N <= 100  
0 <= a, b <= N-1  
1 <= arr[i] <= 100

**Example:  
Input:**  
1  
6 1 3  
1 3 5 7 9 11

**Output:**  
15

**Explanation:  
Testcase 1:** The sum of elements of between indexes from 1 to 3 is: 3+5+7 = 15

\*\* For More Input/Output Examples Use ['Expected Output'](https://practice.geeksforgeeks.org/problems/sum-of-given-range/1#ExpectOP) option \*\*

Contributor: Saksham Raj Seth  
[Author: saksham seth](https://auth.geeksforgeeks.org/user/saksham%20seth/practice/)

<https://practice.geeksforgeeks.org/problems/sum-of-given-range/1>

#include <iostream>

#include <stdio.h>

using namespace std;

int getSum(int arr[],int n,int a,int b)

{

//add code here.

/\*

std::map<int,int> hash;

int sum = 0;

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

sum += arr[i];

hash[i] = sum;

}

\*/

int sum =0;

for(int i = a; i<=b; i++) {

sum += arr[i];

}

return sum;

}

int main() {

return 0;

}