Description | My Submissions | Hints/Editorial | AC Submissions | My Notes (0)

Subset Sum Queries

? Ask Doubt

Time-Limit: 1 sec Score: 100.00/100 Difficulty :

Memory: 256 MB Accepted Submissions: 100 Relevant For: AZ-201

Description

Given an array of size N, and Q queries, for each query, you need to get the indices of the elements of the array whose subset-sum is equal to the queried sum sum_i, if possible, else return -1.

Input Format

Complete the Function **subset_queries(vector &arr, vector &queries)** that takes vector a and $queries$ vector as input.

Output Format

Return a **vector < vector < int > >** having 0-based indices of the elements of the array whose subset-sum is equal to the queried sum sum_i for each i^{th} query, if possible, else return vector { -1 }.

Constraints

$1 \leq N \leq 100$, size of **vector < int > arr**
$1 \leq Q \leq 10^5$, size of **vector < int > queries**
$1 \leq arr[i] \leq 10^5$
$1 \leq sum_i \leq 10^5$

Sample Input 1

Copy

```
arr[] = { 1, 2, 3, 4, 5 }
queries[]= { 7, 16, 3 }
```

Sample Output 1

Copy

```
{ {1, 4}, {-1}, {2} }
```

C++14[GCC]

Submit

```
71      cin >> N >> Q;
72      vector<int> arr(N);
73      for (int i = 0; i < N; i++)cin >> arr[i];
74      vector<int> queries(Q);
```