

Task(8.3)

Problem

- You are given an array of N integers.
- You have to answer Q queries.
- Each query contains two integers L and R
- For each query print the sum of integers in array from index L to R

Input :

- First line will contain an integer T (number of test cases).
- T blocks of line follows.
- First line of each block contains an integer N (number of array elements).
- Next line contains N integers (array elements).
- Next line contains an integer Q (number of queries).
- Next Q lines contain two integers L and R

HINT:

- use prefix sum array.

Sample Input :

```
2
4
10 20 30 40
2
1 4
2 3
5
1 1 1 1 1
3
1 2
2 5
5 5
```

Sample Output:

```
100
50
2
4
1
```

Thank You