

Maximum Subset Sum

Given an array, find the maximum subset sum of that array.

A Subset is a set of consecutive elements in the array.

The first line of the input contains an integer t , denoting the number of test cases.

Each test case contains 2 lines,

The first line consists of a number n , the number of elements in the array

The second line consists of n numbers, the elements in the array

All input fits in the integer size

Output a number for each test case, denoting the maximum subset sum of that array

Sample Input

```
2
4
1 -4 10 12
5
-1 5 6 -2 12
```

Sample Output

```
22
21
```

Explanation

22 and 21 are the maximum sums that can be obtained from the given arrays, by adding consecutive numbers.