

## Maximum

Lili is a greedy girl. She has N box, each box contains a coin. She want to get as many coin values as possible, but she must only choose 2 boxes. However, she is bad at mathematics and asked you to help her determine what is the correct answer.

### Format Input

Input starts with an integer T, describing the number of test cases. Each test case starts with an integer N, the number of boxes that Lili has. The next line will contain N numbers  $V_i$ , each of them describe the value of the coin in the i-th box. It is guaranteed that the value will always be between -1000000 and 1000000.

### Format Output

For each test case, output a single line consisting of "Case #X: Y" where X is the test case number and Y is the maximum value Lili can get by choosing exactly 2 boxes.

#### Constraints

- $1 \le T \le 10$
- $2 \le N \le 1,000,000$
- $-1,000,000 \le V_i \le 1,000,000$

# Sample Input (standard input)

```
3
5
1 2 3 4 5
4
4 4 4 4
3
10 1 2
```

## Sample Output (standard output)

```
Case #1: 9
Case #2: 8
Case #3: 12
```

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### Maximum

Lili adalah seorang gadis yang serakah. Ia memiliki N kotak, masing-masing kotak berisi sebuah koin dengan angka yang menyatakan nilainya. Ia ingin mengambil koin dengan jumlah nilai sebesar-besarnya, namun dia hanya bisa memilih 2 kotak dari yang sudah tersedia. Akan tetapi, dia tidak begitu mengerti matematika dan ia meminta bantuan anda untuk memberitahukan jawabannya.

### Format Input

Baris pertama berisi sebuah bilangan bulat T, jumlah kasus uji. Setiap kasus uji dimulai dengan bilangat bulat N, jumlah kotak yang dimiliki oleh Lili. Baris berikutnya berisi N angka  $V_i$ , yang menyatakan nilai pada masing-masing koin di dalam kotak ke-i. Dapat dipastikan bahwa nilai yang diberikan akan bernilai antara -1000000 dan 1000000.

## Format Output

Setiap kasus uji dimulai dengan "Case #X: Y" di mana X adalah nomor kasus uji dan Y adalah jumlah nila<mark>i maksimu</mark>m yang bisa didapatkan Lili dengan memilih tepat 2 kotak.

#### Constraints

- $1 \le T \le 10$
- $2 \le N \le 1,000,000$
- $-1,000,000 \le V_i \le 1,000,000$

# Sample Input (standard input)

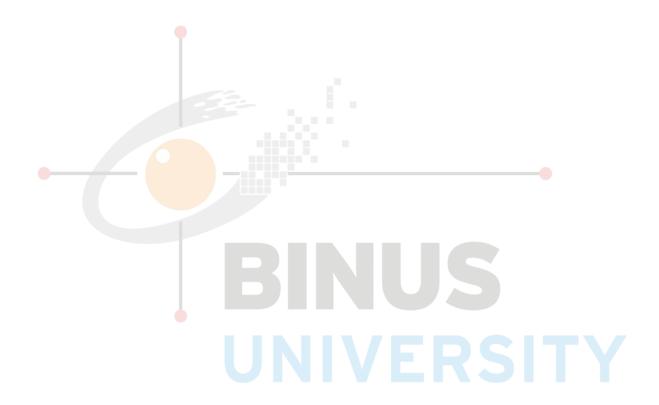
```
3
5
1 2 3 4 5
4
4 4 4 4
3
10 1 2
```

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## Sample Output (standard output)

Case #1: 9
Case #2: 8
Case #3: 12



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