

COVID-19

Jojo is looking at the COVID-19 statistics, the statistics show the number of confirmed cases for each day from yesterday until N days ago. Now Jojo wants to know how many total confirmed cases there are in the past K days.

Format Input

The first line contains a single number T, the number of testcases. Each testcase contains the numbers N and K. The next N lines contain the number A_i which is the number of confirmed cases of each day in order starting from N days ago until yesterday (1 day ago).

Format Output

For each testcase, output one line starting with "Case #X:" (without quotes) where X is the testcase number (starting from 1) followed by the number of total confirmed cases there are in the past K days.

Constraints

- $1 \le T \le 100$
- $1 \le N \le 100$
- $1 \le K \le N$
- $1 \le A_i \le 1000000$

Sample Input 1 (standard input)

2 5 3 1752 1639 1693 1655 1882 3 1 209247 202765

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247225

Sample Output 1 (standard output)

Case #1: 5230 Case #2: 247225



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Jojo sedang melihat statistik COVID-19, statistik tersebut menunjukkan jumlah kasus yang terkonfirmasi untuk setiap hari dari kemarin sampai N hari yang lalu. Sekarang Jojo ingin mengetahui ada berapa total kasus yang terkonfirmasi dalam K hari terakhir.

Format Input

Baris pertama berisi sebuah bilangan T, yaitu jumlah testcase. Setiap testcase mengandung bilangan N dan K. N baris selanjutnya mengandung bilangan A_i yaitu jumlah kasus yang terkonfirmasi untuk setiap hari secara berurutan dimulai dari N hari yang lalu sampai kemarin (1 hari yang lalu).

Format Output

Untuk setiap testcase, tampilkan satu buah baris yang dimulai dengan "Case #X:" (tanpa kutip) dimana X adalah nomor testcase (dimulai dari 1) kemudian diikuti oleh total kasus yang terkonfirmasi dalam K hari terakhir.

Constraints

- $1 \le T \le 100$
- $1 \le N \le 100$
- $1 \le K \le N$
- $1 \le A_i \le 1000000$

Sample Input 1 (standard input)

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202765 247225

Sample Output 1 (standard output)

Case #1: 5230 Case #2: 247225



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