Sum of Each Row and Column in a 2D Array!!

HackerRank

Problem Statement

You are working on a data analytics module where you need to calculate both row-wise and column-wise totals from a 2D dataset.

Your task is to write a program that takes a **2D array of integers** as input and prints:

1. The sum of each row (one per line).
2. The sum of each column (one per line) after all row sums.

Input Format

- The first line contains two integers R and C, representing the number of rows and columns in the array.
- The next R lines contain C space-separated integers, representing the array elements.

Constraints

- 1 <= R,C <= 100
- -10^5 <= Array Element <= 10^5

Output Format

- First, print R lines showing the sum of each row.
- Then, print C lines showing the sum of each column.
- Maintain the order of input rows and columns in output.

Sample Input 0

```
2 3
1 2 3
4 5 6
```

Sample Output 0

```
6
15
5
7
9
```