## Sum Matrix Columns

Write a program that **reads a matrix** from the console and prints the **sum for each column** on separate lines. On the first line, you will get matrix sizes in format **"{rows}, {columns}"**. On the next **rows**, you will get elements for each column separated with a single space.

### Examples

|  |  |
| --- | --- |
| **Input** | **Output** |
| 3, 6  7 1 3 3 2 1  1 3 9 8 5 6  4 6 7 9 1 0 | 12  10  19  20  8  7 |
| 3, 3  1 2 3  4 5 6  7 8 9 | 12  15  18 |