TP\_CSF\_Loops\_While

Reads a sequence of ints ended with 0 and writes out its sum.

Input

There is a single int on each line.

There is 0 on the last line.

Output

There is a single int *n* on the first line where *n* is the sum of all the read ints.

Examples

|  |  |
| --- | --- |
| Input | Output |
| 1  2  4  0 | 7 |
| 1  -1  1  -1  0 | 0 |
| -15  12  99  -76  9  9  0 | 38 |