TP\_CSF\_Loops\_DoWhile

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  4  9  0 | 14 |
| 5  5  5  5  0 | 20 |
| -3  -2  -1  0 | -6 |