TP\_CSF\_Inheritance\_AbstractClass

Reads two ints, writes out their sum, difference, product and quotient.

Input

There is a single int *a* on the first line.

There is a single int *b* on the second line where *b ≠ 0*.

Output

There is a single int *s* on the first line where *s = a + b*.

There is a single int *d* on the second line where *d = a – b*.

There is a single int *p* on the third line where *p = a \* b*.

There is a single int *q* on the fourth line where *q = a / b*.

Examples

|  |  |
| --- | --- |
| Input | Output |
| 2  3 | 5  -1  6  0 |
| 10  5 | 15  5  20  2 |
| -17  34 | 17  -51  -578  0 |