TP\_CSF\_Polymorphism\_ClassWithVirtualMethod

Reads an int *n*, writes out *n*, *n* increased by 1 and *n* decreased by 2.

Input

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

Output

There is *n* on the first line.

There is a single int *m* on the second line where *m = n + 1*.

There is a single int *o* on the third line where *o = n + 2*.

Examples

|  |  |
| --- | --- |
| Input | Output |
| 1 | 1  2  3 |
| 99 | 99  100  101 |
| -99 | -99  -98  -97 |