TP\_CSF\_Operators\_BitwiseOperators\_Not

Reads an int and writes out its bitwise negation.

Input

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

Output

There is a single int *m* on the first line where *m = ~n*.

Examples

|  |  |
| --- | --- |
| Input | Output |
| 0 | -1 |
| 1 | -2 |
| -1 | 0 |