TP\_CSF\_ExplicitConv\_IntToShort

Reads an int, converts it to a short *s* and writes out *s*.

Input

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

Output

There is a single short *s* on the first line where *s = n*.

Examples

|  |  |
| --- | --- |
| Input | Output |
| 65536 | 0 |
| 13 | 13 |
| 1000000 | 16960 |