NUMBER OF ONES

CHALLENGE DESCRIPTION:

Write a program which determines the number of 1 bits in the internal representation of a given integer.

INPUT SAMPLE:

The first argument is a path to a file. The file contains integers, one per line.

For example:

```
10
22
56
```

OUTPUT SAMPLE:

Print to stdout the number of ones in the binary form of each number.

For example:

```
2
3
3
```