DWITE '09 R1 #1 - iProfits

Time limit: 2.0s **Memory limit:** 64M

DWITE Online Computer Programming Contest, October 2009, Problem 1

Having decided to capitalize on your awesome programming skills, you've set out to create and sell a mobile application at $\$0.99$ per copy. Since the application is hosted and distributed through a managed platform, the store gets to keep 30% from each sale.

Given that you have an idea of how much profit you want to make off your hard work, **at least** how many $1\,000$s of copies must be sold? *(That is, the answer is rounded to the next $1\,000$).*

The input will contain 5 lines, integers $0 \leq N \leq 1\,000\,000$, the minimum profit you want to keep.

The output will contain 5 lines, integer value of the number of copies needed to be sold, rounded to the next $1\,000$.

For example: if you want to make $\$1\,000$, then $(1\,444 \text{ copies} \times \$0.99) - 30\% = \$1\,000.692$. ($1\,443$ copies will earn below $\$1\,000$). $1\,444$ rounded to the next $1\,000$ is $2\,000$; thus the answer is $2\,000$.

Sample Input

```
0
1
693
694
250000
```

Sample Output

```
0
1000
1000
2000
361000
```

Problem Resource: DWITE