

Computer Programming (I)

Homework 1

Problem Statement

Given a positive integer $n \leq 1000$, output the least power of 2 that is greater than n .

Input Format

The first integer is the number of test cases. The remaining integers are the test cases.

Output Format

For each test case, output the least power of 2 that is greater than n .

Sample Input

```
3
32
990
67
```

Output for the Sample Input

```
64
1024
128
```

My Screenshot

```
b89053@linux1:/home/student/89/b89053/IN103> g++ IN103_homework1_fall_2020.cpp
b89053@linux1:/home/student/89/b89053/IN103> ./a.out
3
32
990
67
64
1024
128
b89053@linux1:/home/student/89/b89053/IN103>
```