

```
Example
n = 910
910 = 10012. We're working with 32 bits, so:
0000000000000000000000000000000010012 = 910
1111111111111111111111111111111101102 = 429496728610
Return 4294967286.
```

Input Format

The first line of the input contains q , the number of queries.

Each of the next q lines contain an integer, n , to process.

Explanation

Take 1 for example, as unsigned 32-bits is 00000000000000000000000000000001 and doing the flipping we get 11111111111111111111111111111110 which in turn is 4294967294.

Line: 57 Col: 52