

Bitshifting

Jojo has just start learning his first C programming language today. He would like to apply the material he has just learned, which is input and output. As he had gone through with the most basic things in input and output, he would like to increase the challenge. He wants to add a bitshift operation to the output.

The formula for bitshift operation is:

$$\text{Output} = ((A/B) \ll B)$$

Format Input

Input consist of 3 lines with each line consists of two integers A and B . A is the first integer that will be bitshifted B times.

Format Output

Output a single integer which is the answer for the bitshift operation.

Constraints

$$1 \leq B \leq A \leq 30$$

Sample Input (standard input)

```
3
16 4
4 3
17 17
```

Sample Output (standard output)

```
64
8
131072
```

Bitshifting

Hari ini, Jojo baru saja selesai belajar bahasa pemrograman C dasar. Jojo ingin mencoba materi yang baru ia pelajari yaitu input dan output. Setelah belajar hal-hal dasar, Jojo ingin mencoba untuk meningkatkan tantangan. Jojo ingin menambahkan operasi bitshift ke dalam output.

Formula dari operasi bitshift adalah:

$$\text{Output} = ((A/B) \ll B)$$

Format Input

Input terdiri dari 3 baris, di mana setiap baris terdiri dari 2 bilangan bulat positif A dan B . A adalah bilangan bulat yang akan dilakukan bitshift sebanyak B kali.

Format Output

Output merupakan sebuah bilangan bulat yang menjadi jawaban dari formula operasi bitshift.

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