Problem C

Time Deposit Calculation

Time limit: 1s
Memory Limit: 8MB

After you earned some extra money, you finally open a time deposit account (in indonesia, it's "Deposito Berjangka"). A time deposit account is an account that used by the bank to hold your money for a certain timeframe. During those timeframe, you won't be able to take out or spend your money. But, the bank will "pay" you in interest (in Indonesia, it's "bunga") and deposit it to your time deposit account. The bank usually "pay" you once a year. Given the initial balance of your time deposit account, the yearly interest rate, and the duration in year for the time deposit, you are to determine how much money will your account have after Y year with yearly interest rate R with initial balance of the time deposit account was IB.

Input

The first line will have 3 integers IB, R, and Y that denotes the initial balance of the time deposit account, the yearly interest rate (in percent), and the duration in year. ($0 \leq IB \leq 1.000.000$, $1 \leq R \leq 200$, $1 \leq Y \leq 10$)

Output

You need to output the time deposit balance at the end of year Y with yearly interest rate of R (in percent). You need to output the value by **discarding the decimal part**. Don't discard the decimal part during the computation! ONLY discard the decimal part when you output the value. **REMEMBER!** If you output unnecessary character(s), the system will give you "Wrong Answer" instead of "Correct".

1st Sample Input
1000000 7 10
Output for 1st Sample Input
1967151

2nd Sample Input
573459 123 7

Output for 2nd Sample Input
157266569

Note: Always print a newline (\n) at the end of the answer.