import java.io.\*;

import java.util.\*;

import java.text.\*;

import java.math.\*;

import java.util.regex.\*;

public class Solution {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

double P = scanner.nextDouble();

double R = scanner.nextDouble();

double T = scanner.nextDouble();

double A = P \* Math.pow(1 + R / 100, T);

System.out.printf("%.2f\n", A);

}

}