#include <stdio.h>

#include <stdlib.h>

#include <conio.h>

// for sleep() function

#include <math.h>

int main()

{

float principal, rate, time, emi;

printf("Enter the principal: ");

scanf("%f",&principal);

printf("Enter the rate: ");

scanf("%f",&rate);

printf("Enter the time in year: ");

scanf("%f",&time);

// one month interest

rate=rate/(12\*100);

// one month period

time=time\*12;

emi= (principal\*rate\*pow(1+rate,time))/(pow(1+rate,time)-1);

printf("The Monthly EMI is = %f\n",emi);

return 0;

}