//Write down a program to calculate the compound interest

#include<stdio.h>

#include<math.h>

int main()

{

float A,P,r,n,t;

printf("Welocome to the program for calculating compound intrest\n");

printf("Enter value of P\n");

scanf("%f",&P);

printf("Enter value of n\n");

scanf("%f",&n);

printf("Enter value of r\n");

scanf("%f",&r);

printf("Enter value of t\n");

scanf("%f",&t);

float a = 1+(r/n);

float B = n\*t;

float b = pow(a,B);

A = P\*b;

printf("The compounded intrest = %f",A);

}