#include<stdio.h>

#include<conio.h>

#include<math.h>

main()

{

float a,b,h,y0,yn,f,x,sum,p;

int i,n;

sum =0.0;

printf("enter the lower limit of integration");

scanf("%f",&a);

printf("ener the upper limit of integration");

scanf("%f",&b);

printf("enter no of intervals");

scanf("%d",&n);

h=(b-a)/n;

y0=a/(1+a);

yn=b/(1+b);

for(i=1;i<=n-1;i++)

{

x=a+(i\*h);

f=x/(1+x);

sum=sum+f;

}

p=h\*((y0+yn)/2+sum);

printf("%f",p);

}

//output

//enter the lower limit of integration0

//ener the upper limit of integration1

//enter no of intervals6

//0.305123