#include<stdio.h>

float f(float x)

{

    return (log(x)\*log(x));

}

int main()

{

    int i,n;

    float a,b,h,s=0,t ;

    printf("Enter lower limt");

    scanf("%f",&a);

    printf("Enter upper limt !");

    scanf("%f",&b);

    printf("\n enter the number of sub-interval !");

    scanf("%d",&n);

    h=fabs(b-a)/n;

    for(i=1;i<=n;i++)

    {

        s=s+f(a+i\*h);

    }

    t=(h/2)\*(f(a)+f(b)+2\*s);

    printf("\n THE INTEGRAL IS :%f\n",t);

}

Out put

Enter lower limt 1.0

Enter upper limt !1.5

enter the number of sub-intervals !10

THE INTEGRAL IS :0.038540