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// WAP that calculate and print area of triangle
/*
    area of triangle =  $\sqrt{s(s-a)(s-b)(s-c)}$ 
                       $\sqrt{6*3*2*1} = \sqrt{36} = 6$ 
    where  $s = (a+b+c)/2$ 
            $s = 12/2 = 6$ 
*/
#include<stdio.h>
#include<conio.h>
#include<math.h>

void main()
{
    float a, b, c, s, ar;
    clrscr();
    printf("Enter sides of triangle:");
    scanf("%f %f %f",&a,&b,&c);
    s = (a+b+c)/2;
    ar = sqrt(s*(s-a)*(s-b)*(s-c));
    printf("\n Area of triangle = %.2f",ar);
    getch();
}

/*
    WAP that calculate and print simple interest
         $si = \frac{p r n}{100}$ 

    WAP that calculate and print compound interest
         $amt = p * (1+r/100)^n$ 
        pow()
*/

```