AREA OF SQUARE RECTANGLE CIRCLE TRIANGLE

CODE:

#include<iostream>

using namespace std;

int area(int);

int area(int,int);

float area(float);

float area(float,float);

int main()

{

int s,l,b;

float r,bs,ht;

cout<<"Enter side of a square: ";

cin>>s;

cout<<"Enter length and breadth of rectangle: ";

cin>>l>>b;

cout<<"Enter radius of circle: ";

cin>>r;

cout<<"Enter base and height of triangle: ";

cin>>bs>>ht;

cout<<"Area of square is: "<<area(s);

cout<<"\nArea of rectangle is: "<<area(l,b);

cout<<"\nArea of circle is: "<<area(r);

cout<<"\nArea of triangle is: "<<area(bs,ht);

}

int area(int s)

{

return(s\*s);

}

int area(int l,int b)

{

return(l\*b);

}

float area(float r)

{

return(3.14\*r\*r);

}

float area(float bs,float ht)

{

return((bs\*ht)/2);

}

OUTPUT:

Enter side of a square: 5

Enter length and breadth of rectangle: 5 5

Enter radius of circle: 5

Enter base and height of triangle: 5 5

Area of square is: 25

Area of rectangle is: 25

Area of circle is: 78.5

Area of triangle is: 12.5

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Process exited after 16.59 seconds with return value 0

Press any key to continue . . .