**PROGRAMS :** write a menu driven program to find the area of triangle ,circle, square and rectangle.(use switch case)

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#include<iostream>

using namespace std;

int main()

{

int a,b,h,sq=0,re=0,r,s;

float tr=0,ci=0;

do{

cout<<"Enter an option to find Area of 1.Triangle 2.Circle 3.Square 4.Rectangle 5.Exit ";

cin>>a;

switch(a)

{

case 1: cout<<"Enter base and height value\n";

cin>>b>>h;

tr=(0.5\*b\*h);

cout<<"Area of triangle is "<<tr<<endl;

break;

case 2: cout<<"Enter Radius value\n";

cin>>r;

ci=(3.14\*(r\*r));

cout<<"Area of Circle is "<<ci<<endl;

break;

case 3: cout<<"Enter Side value\n";

cin>>s;

sq=(s\*s);

cout<<"Area of Square is "<<sq<<endl;

break;

case 4: cout<<"Enter breadth and length value\n";

cin>>b>>h;

re=(b\*h);

cout<<"Area of Rectangle is "<<re<<endl;

break;

case 5:cout<<"Exiting..";break;

default: cout<<"Incorrect input"<<endl;

}

}while(a!=5);

return 0;

}

Input:

1: 3 4

2: 5

3: 4

4:3 4

5

Output:

