**MODULE 4 : CASE – STUDY 2 ->**

package module4;

import java.util.Scanner;

public class CS2 {

public void area(int s)

{

System.out.println("Area is"+s\*s);

}

public void area(float r)

{

System.out.println("Area is"+3.14\*r\*r);

}

public void area(float l,float b)

{

System.out.println("Area is"+l\*b);

}

public void area(float h,int b)

{

System.out.println("Area is"+(0.5\*h\*b));

}

public static void main(String[] args) {

// TODO Auto-generated method stub

int s,base;

float r,l,b,h;

Scanner sc=new Scanner(System.in);

CS2 cs2=new CS2();

System.out.println("Enter the side");

s=sc.nextInt();

System.out.println("Enter the lenght and breadth");

l=sc.nextFloat();

b=sc.nextFloat();

System.out.println("Enter the radius");

r=sc.nextFloat();

System.out.println("Enter the base and height");

base=sc.nextInt();

h=sc.nextFloat();

cs2.area(s);

cs2.area(l, b);

cs2.area(r);

cs2.area(h, base);

}

}

**OUTPUT ->**

**Enter the side**

**4**

**Enter the lenght and breadth**

**4**

**5**

**Enter the radius**

**1**

**Enter the base and height**

**3**

**4**

**Area is16**

**Area is20.0**

**Area is3.14**

**Area is6.0**

