Package mainpage;

Import java.util.\*;

Public class AreaofCirlcleRectangleTriangleSquareTrapezoid {

Public status double AreaofCircle(double radius)

{

return 3.14\*radius\*radius;

}

Public static double AreaofRectangle(double length, double breadth)

{

return length\*breadth;

}

Public static double AreaofTriangle(double base, double height)

{ return (base\*height)/2;

}

Public static double AreaofSquare(double length)

{

return length\*length;

}

Public static double AreaofTrapezoid(double base, double height )

{

return 0.5\*(base+base)\*height ;

}

Public static void main(String[] args)

{

Scanner sc= new Scanner (System.in);

System.out.print(“Enter the radius of circle”);

double radius = sc.nextDouble() ;

System.out.print(“Enter the length of Rectangle”);

double length = sc.nextDouble();

System.out.print(“Enter the breadth of Rectangle”);

Double breadth = sc.nextDouble();

System.out.print(“Enter the base of Triangle”);

double base = sc.nextDouble();

System.out.print(“Enter the height of Triangle”);

double height = sc.nextDouble();

System.out.print(“Enter the length of Square”);

double length = sc.nextDouble();

System.out.print(“Enter the base of Trapezoid”);

double base = sc.nextDouble();

System.out.print(“Enter the height of Trapezoid”);

double height = sc.nextDouble();

double areaofcircle = AreaofCircle(radius);

System.out.printIn(“The area of Circle is: ”+areaofcircle);

double areaofrectangle = AreaofRectangle(length, breadth);

System.out.printIn(“The area of Rectangle is: ”+areaofrectangle);

double areaoftriangle = AreaofTriangle(base, height);

System.out.printIn(“The area of Triangle is: ”+areaoftriangle);

double areaofsquare = AreaofSquare(length, length);

System.out.print(“The area of Square is: ”+areaofsquare);

double areaoftrapezoid(base, height );

System.out.print(“The area of Trapezoid is ”+areaoftrapezoid);

}

}

Import java.util.scanner;

Public class CircumferenceofCircle{

Public static void main(String args[]) {

Int radius;

double circumference;

Scanner sc = new scanner(System.in);

System.out.printIn(“Enter the radius of the circle ::”);

radius = sc.nextInt();

circumference = Math.3.14\*2\*radius;

System.out.printIn(“Circumference of the circle is ::”+circumference);

}

}

Import java.util.Scanner;

Class SurfaceAreaOfCube

{

Public static void main(Stingargs[])

{

Scanner s= new Scanner(System.in);

System.out.printIn(“Enter the side of cube: ”);

double side=s.nextDouble();

double a=SurfaceAreaOfCube.area(side);

System.out.printIn(“SurfaceArea Of Cube is : ”+a);

}

Public static double area(double side)

{

double a=4\*side\*side;

return a;

}

}

Import java.util.Scanner;

Class VolumeOfCylinder

{

Public static void main(String args[])

{

Scanner s= new Scanner(System.in);

System.out.printIn(“Enter the radius: ”);

double r=s.nextDouble();

System.out.printIn(“Enter the height: ”);

double h=s.nextDouble();

double volume=((22\*r\*r\*h)/7);

System.out.printIn(“volume of Cylinder is: ”+volume);

}

}

Import java.util.Scanner;

Class TotalSurfaceAreaOfCylinder

{

Public static void main(String args[] )

{

Scanner s= new Scanner(System.in);

System.out.printIn(“Enter the length of cuboid:”);

double r=s.nextDouble();

System.out.printIn(“Enter the breadth of cuboid:”);

double h=s.nextDouble();

double tsa=TotalSurfaceAreaOfCylinder.area(r,h);

System.out.printIn(“TotalSurfaceArea Of Cylinder is: ”+tsa);

}

Public static double area(double r, double h)

}

double a= ((2\*22\*r)/7)\*(r+h);

return a;

}

}