1.Abstact class container

{

double radius;

double height;

public void(double eadius,double radius)

{

this.radius=radius;

this.height=height;

}

public void setRadius(double radius)

{

this.radius=radius;

}

public double getRadius()

{

return radius;

}

public void setHeight(double height)

{

this.height=height;

}

public double getHeight()

{

return height;

}

public abstract double volume();

}

public class CylindricalContainer extends container

{

final double pi=3.14159;

public CylindricalContainer(double radius,double height)

{

super(radius,height);

}

@Override

public double volume()

{

volume= pi\*radius\*radius\*height

}

public void display();

{

System.out.println(“Volume is :”+volume)

}

}

public class main{

public statis void main(String[]args)

{

CylindricalContainer x= new CylindricalContainer(4.2,2.0);

CylindricalContainer.volume();

CylindricalContainer.dispaly();

}

}