```
1.
abstract class container {
  abstract double volume();
}
public class cylindricalcontainer extends container {
  private double height, radius;
  @Override
public double volume(){
  double PI=3.14159;
  return PI*radius*radius*height;
}
cylindricalcontainer(double height, double radius){
  this.height = height;
  this.radius = radius;
}
}
public class App {
  public static void main(String[] args) throws Exception {
    cylindricalcontainer c = new cylindricalcontainer(14,7);
```

```
c.volume();
System.out.println("Volume is: "+c.volume());
}
```