Abstract class and method

```java
package com.mycompany.cylinder;

public class Cylinder
{
    public static void main(String[] args)
    {
        CylinderContainer container=new CylinderContainer();
        container.setHeight(5.0);
        container.setRadius(2.0);


        double volume=container.calculateVolume();
        System.out.println("Volume:"+volume);
    }
}
```

```java
package com.mycompany.cylinder;

public abstract class Container
{
    private double height;
    private double radius;
    public abstract double calculateVolume();
    public void setHeight(double height)
    {
        this.height=height;
    }
    public void setRadius(double radius)
    {
        this.radius=radius;
```

```java
    }

    public double getHeight()
    {
        return height;
    }

    public double getRadius()
    {
        return radius;
    }
}




package com.mycompany.cylinder;

public class CylinderContainer extends Container
{
    @Override
    public double calculateVolume()
    {
        double volume=Math.PI * getRadius() * getRadius() * getHeight();

        return volume;
    }
}
```