

Labsheet 09

01)

```
package com.mycompany.cylindermain;
abstract class Container
{
    abstract double volume();
}

public class CylindricalContainer extends Container
{
    private double height,radius;

    public CylindricalContainer(double h,double r)
    {
        height=h;
        radius=r;
    }

    public double volume()
    {
        return 3.14*radius*radius*height;
    }
}

public class CylinderMain
{
    public static void main(String[] args)
    {
        CylindricalContainer c1=new CylindricalContainer(25,10);
        System.out.println("Voume is "+c1.volume());
    }
}
```