Lab Sheet 09

Question 01

```
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;
        }
        @Override
        public double volume(){
                return Math.PI*radius*radius*height;
        }
}
public class ContainerObj
{
        public static void main(String[] args)
        {
                CylindricalContainer c=new CylindricalContainer(10,5);
                double volume=c.volume();
                System.out.println("Volum: "+volume);
        }
}
```