

```

package july;
import java.util.*;

/*class Max{
    int max(int a,int b) {
        if(a>b)
            return a;
        else
            return b;
    }
    void max() {
        int a,b,c;
        Scanner sc=new Scanner(System.in);
        System.out.println("Enter a,b,c");
        a=sc.nextInt();
        b=sc.nextInt();
        c=sc.nextInt();
        if(a>b && a>c)
            System.out.println("Max "+a);
        else if(b>a && b>c)
            System.out.println("Max "+b);
        else
            System.out.println("Max "+c);
    }
}

class Add{
    int add(int a,int b) {
        return a+b;
    }
    int add() {
        int a,b,c;
        Scanner sc=new Scanner(System.in);
        System.out.println("Enter a,b,c");
        a=sc.nextInt();
        b=sc.nextInt();
        c=sc.nextInt();
        return a+b+c;
    }
}

class Animal{
    void eat(){
        System.out.println("eating...");
    }
}
class Dog extends Animal
{
    void eat()
    {
        System.out.println("eating bread...");
    }
}
class Cow extends Animal
{
    void eat()
    {
        System.out.println("eating grass...");
    }
}

```

```

}
class Shape{
    void draw(){
        System.out.println("drawing...");
    }
}
class Rectangle extends Shape
{
    void draw() {
        System.out.println("drawing rectangle...");
    }
}

class Circle extends Shape {
    void draw() {
        System.out.println("drawing circle...");
    }
}

} */

class Area
{
    double r,A;
    Area(double r){
        this.r=r;
    }
    void cal_area(){
        A=3.14*r*r;
        System.out.println("Radius="+r+"\nArea="+A);
    }
}

class Volume extends Area
{
    double h,v;
    Volume(double r,double h){
        super(r);
        this.h=h;
    }
    void cal_area(){
        super.cal_area();
        v=A*h;
        System.out.println("H="+h+"\nVolume="+v);
    }
}

```

```

public class July_25 {

    public static void main(String[] args) {
        /*Max m=new Max();
        m.max();
        Add a=new Add();
        System.out.println("Addition "+a.add());
        Animal a= new Dog();
        a.eat();
        Animal a1=new Cow();
        a1.eat();
        Shape s;

```

```
s = new Shape();
s.draw();
s = new Rectangle();
s.draw();
s = new Circle();
s.draw();    */

    double r,h;
Scanner sc=new Scanner(System.in);
System.out.println("Enter r & h");
r=sc.nextDouble();
h=sc.nextDouble();
Volume v1= new Volume(r,h);
v1.cal_area();

}

}
```