3.
```java
package package_inheritance_hypertuirials;

public class shape {
    public int length=5;
    public int breadth=8;
    public void perimeter() {
        System.out.println("perimetr of the rectengle is" + length*breadth );
    }
    public void area() {
        System.out.println("area of the rectengle is" + 2*length+breadth);
    }


}
class circle extends shape {
    public double pi=3.14;
    public int radius=3;
    public void perimeter() {
        System.out.println("perimeter of the circle is" + 2*pi*radius);

    }
    public void area() {
        System.out.println("area of the circle is" + pi*radius*radius);
    }
    public static void main(String[] args) {
        circle s=new circle();
        s.perimeter();
        s.area();
        s.perimeter();
        s.area();
    }


}
```
Output:

```
perimetr of the rectengle is40
area of the rectengle is108
perimeter of the circle is18.84
area of the circle is28.259999999999998
```