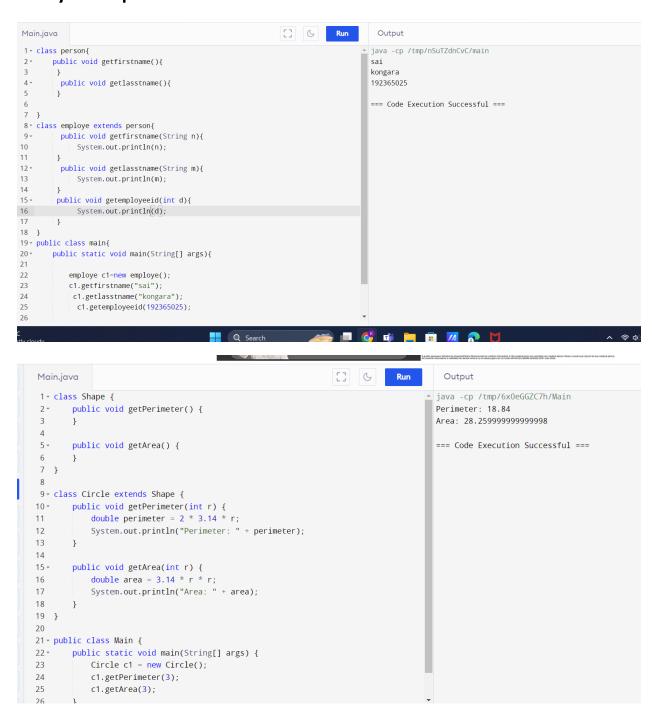
Polymorphism:



```
[] G Run
Main.java
                                                                                 Output
1 - class animal{
                                                                               java -cp /tmp/vNB2B6lrq5/main
2   public void move(){
                                                                               cheetha is moving speed
                                                                               === Code Execution Successful ===
3
       }
5 }
6 - class cheeta extends animal{
     public void move(){
8
         System.out.print("cheetha is moving speed");
9 }
10 }
11 - public class main{
12 * public static void main(String[] args){
13
          cheeta c1=new cheeta();
15
          c1.move();
16 }
17 }
```

```
import java.util.*;
class Shape {
  public void area() {
    System.out.println("Shape has area");
class Circle extends Shape {
  public double area(int r) {
    return 3.14 * r * r;
  }
```

```
public double perimeter(int r) {
    return 3.14 * 2 * r;
}
class Rectangle extends Shape {
  public int area(int h, int w) {
     return h * w;
  }
  public int perimeter(int I, int b) {
    return 2 * (I + b);
  }
}
class Triangle extends Shape {
  public double area(int I, int b) {
    return 0.5 * I * b;
```

```
}
  public int perimeter(int a, int b, int c) {
    return a + b + c;
  }
}
public class Main {
  public static void main(String[] args) {
    Circle c1 = new Circle();
    System.out.println("Circle Area: " + c1.area(2));
    System.out.println("Circle Perimeter: " +
c1.perimeter(2));
    Rectangle r1 = new Rectangle();
    System.out.println("Rectangle Area: " + r1.area(2, 3));
    System.out.println("Rectangle Perimeter: " +
r1.perimeter(2, 3));
    Triangle t1 = new Triangle();
```

```
System.out.println("Triangle Area: " + t1.area(2, 3));
System.out.println("Triangle Perimeter: " +
t1.perimeter(2,3,4));
}
Output:

Circle Area: 12.56
```

Circle Perimeter: 12.56

Rectangle Perimeter: 10

Rectangle Area: 6

Triangle Area: 3.0 Triangle Perimeter: 9