```java
package com.tnsif.oopsconcept;

class MathOp{

 //Method overloading or Complie time polymorphism

 int add(int a, int b) {
  return a + b;
 }

 double add(double a, double b) {
  return a + b;
 }
}

//Method Overriding or Run time polymorphism

class AnimalDemo{
 void sound() {
  System.out.println("Animal makes a sound");
 }
}

class Cat extends AnimalDemo{
 void sound() {
  System.out.println("Cat makes a sound, Meowwww!!!");
 }
}

public class PolymorphismDemo {

 public static void main(String[] args) {


  MathOp mo = new MathOp();
```

```java
System.out.println(mo.add(10, 20));
System.out.println(mo.add(20.00, 40.00));

Cat ca = new Cat() ;
ca.sound();


    }

}
```