```
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();
```

```
System.out.println(mo.add(10, 20));
System.out.println(mo.add(20.00, 40.00));
Cat ca = new Cat();
ca.sound();
}
```