**Code: (for inheritance)**

Class Animal {

// field and method of the parent class

String name;

Public void eat() {

System.out.println(“I can eat”);

}

}

// inherit from Animal

Class JerryTheMouse extends Animal {

// new method in subclass

Public void display() {

System.out.println(“My name is “ + name);

}

}

Class Main {

Public static void main(String[] args) {

// create an object of the subclass

JerryTheMouse labrador = new JerryTheMouse();

// access field of superclass

Mouse.name = “Jerry, the mouse”;

Mouse.display();

// call method of superclass

// using object of subclass

Mouse.eat();

}

}

**Output:**

My name is Jerry

I can eat mouse

Name: Roshani Vaigankar

Class: Sy BCA

Roll no.: 2205029