Source Code: Employee.java

public class Employee {

private String name;

private String address;

private int number;

public Employee(String name, String address, int number) {

System.out.println("Constructing an Employee");

this.name = name;

this.address = address;

this.number = number;

}

public void mailCheck() {

System.out.println("Mailing a check to " + this.name + " " + this.address);

}

public String toString() {

return name + " " + address + " " + number;

}

public String getName() {

return name;

}

public String getAddress() {

return address;

}

public void setAddress(String newAddress) {

address = newAddress;

}

public int getNumber() {

return number;

}

}

Source Code: Salary.java

public class Salary extends Employee {

private double salary; // Annual salary

public Salary(String name, String address, int number, double salary) {

super(name, address, number);

setSalary(salary);

}

public void mailCheck() {

System.out.println("Within mailCheck of Salary class ");

System.out.println("Mailing check to " + getName()

+ " with salary " + salary);

}

public double getSalary() {

return salary;

}

public void setSalary(double newSalary) {

if (newSalary >= 0.0) {

salary = newSalary;

}

}

public double computePay() {

System.out.println("Computing salary pay for " + getName());

return salary / 52;

}

}

Source Code: VirtualDemo.java

public class VirtualDemo {

public static void main(String[] args) {

Salary s = new Salary("Mohd Mohtashim", "Ambehta, UP", 3, 3600.00);

Employee e = new Salary("John Adams", "Boston, MA", 2, 2400.00);

System.out.println("Call mailCheck using Salary reference --");

s.mailCheck();

System.out.println("\n Call mailCheck using Employee reference--");

e.mailCheck();

}

}

Tampilan ketika aplikasi di running:

