**Practical no.-**18

**Title:** Program to implementation of Single and Multilevel Inheritance

**Roll No.:** 02 **Batch-** A

**Date of Performance:** 27-March-2022

**Code-**

import java.util.Scanner;

class car {

Scanner sc = new Scanner(System.in);

String car\_type;

public void getcar() {

System.out.println("Enter Car type:");

car\_type = sc.next();

}

public void putcar() {

System.out.println("\nCar type:" + car\_type);

}

}

class brand extends car {

String brand\_name;

int speed;

public void getbrand() {

System.out.println("Enter Car Brand:");

brand\_name = sc.next();

System.out.println("Enter Car MAX Speed:");

speed = sc.nextInt();

}

public void putbrand() {

System.out.println("\nCar Brand:" + brand\_name);

System.out.println("\nCar MAX Speed:" + speed);

}

}

class model extends brand {

String model\_name;

float price;

public void getmodel() {

System.out.println("Enter Car Model:");

model\_name = sc.next();

System.out.println("Enter Car Price:");

price = sc.nextFloat();

}

void putmodel() {

System.out.println("\nCar Model:" + model\_name);

System.out.println("\nCar Price:" + price);

}

}

class Cardetail {

public static void main(String args[]) {

model C = new model();

System.out.println("Enter Information of Car:\n");

C.getcar();

C.getbrand();

C.getmodel();

System.out.println("\nInformation of Car:\n");

C.putcar();

C.putbrand();

C.putmodel();

}

}

**Output-**

Enter Information of Car:

Enter Car type:Sport

Enter Car Brand:Lamborghini

Enter Car MAX Speed:208

Enter Car Model:Advanture

Enter Car Price:9000000

Information of Car:

Car type:Sport

Car Brand:Lamborghini

Car MAX Speed:208

Car Model:Advanture

Car Price:9000000.0