**Lab-08 : 3**

public class Engine {

public double capacity;

public Engine(double capacity)

{

this.capacity=capacity;

}

}

public class DashBoard {

public double size;

public DashBoard(double size)

{

this.size=size;

}

public class Car1 {

public String model;

public String company;

public void drive() {

System.out.println("Driving");

}

public void stop()

{

System.out.println("Stopping");

}

}

public class Volvo extends Car1{

double price;

String productionYear;

String registrationNumber;

Engine eng;

DashBoard db;

public Volvo(double price, String productionYear, String registrationNumber, Engine eng, DashBoard db)

{

this.price=price;

this.productionYear=productionYear;

this.registrationNumber=registrationNumber;

this.eng=eng;

this.db=db;

}

public void changeFuel()

{

System.out.println("Change the Fuel");

}

public void checkBattery()

{

System.out.println("Checking the battery");

}

@Override

}

public class Main {

public static void main(String[] args) {

Engine eng = new Engine(45.10);

DashBoard db= new DashBoard(3.0);

Volvo v=new Volvo(600,"2020", "DHA3457",eng,db);

v.drive();

v.stop();

v.changeFuel();

v.checkBattery();

v.model="SUV. XC40";

v.company="Volvo";

}

}