abstract class Car{

String carName,modelName;

int chassiNum;

Car(String carName,int chassiNum,String modelName){

this.carName=carName;

this.chassiNum=chassiNum;

this.modelName=modelName;

}

abstract void startCar();

abstract void operateSteering();

void display(){

System.out.println("Car Name:"+carName);

System.out.println("Chassi number:"+chassiNum);

System.out.println("Model Name:"+modelName);

}

}

class MarutiCar extends Car{

MarutiCar(String carName, int chassiNum, String modelName) {

super(carName, chassiNum, modelName);

}

void startCar(){

System.out.println("Starting a Maruti car....");

}

void operateSteering(){

System.out.println("This car is manually steered.....");

}

}

class BmwCar extends Car{

BmwCar(String carName, int chassiNum, String modelName) {

super(carName, chassiNum, modelName);

}

void startCar(){

System.out.println("Starting a BMW car....");

}

void operateSteering(){

System.out.println("This car is automatically steered.....");

}

}

class Driver{

String name,gender;

int age;

Driver(String name,int age,String gender){

this.name=name;

this.age=age;

this.gender=gender;

}

void driveCar(Car obj){

System.out.println("Driver:"+name);

System.out.println("Age:"+age);

System.out.println("Gender:"+gender);

obj.display();

obj.startCar();

obj.operateSteering();

}

}

public class Tw6 {

public static void main(String []args){

MarutiCar m=new MarutiCar("Suzuki",1253,"A21s");

BmwCar b=new BmwCar("BMW5",4596,"S5");

Driver d1=new Driver("Vishal",25,"Male");

d1.driveCar(m);

System.out.println();

Driver d2=new Driver("Priya",23,"Female");

d2.driveCar(b);

}

}