BIANCA L. BENALDO IT 2A

public class Car {

private String color;

private String plateNo;

private String chassisNo;

private String brand;

private String origin;

private double price;

// No-argument constructor

public Car() {

this.color = "No Color";

this.plateNo = "No PlateNumber";

this.chassisNo = "No Chassis No Yet!";

this.brand = "Unknown";

this.origin = "Unknown";

this.price = 0.0;

}

// constructor

public Car(String color, String plateNo, String chassisNo,

String brand, String origin, double price) {

this.color = color;

this.plateNo = plateNo;

this.chassisNo = chassisNo;

this.brand = brand;

this.origin = origin;

this.price = price;

}

public void displayInfo() {

String info = "";

info += "Brand: " + this.brand;

info += "\nColor: " + this.color;

info += "\nPlateNo: " + this.plateNo;

info += "\nChassisNo: " + this.chassisNo;

info += "\nOrigin: " + this.origin;

info += "\nPrice: " + this.price;

System.out.println(info);

System.out.println("-----------------------------");

}

}

public class CarTester {

public static void main(String[] args) {

Car[] cars = new Car[10]; //10 CARS

cars[0] = new Car("Black", "BMW123", "CH001", "BMW", "Germany", 6000000);

cars[1] = new Car("White", "CAD456", "CH002", "Cadillac", "USA", 7500000);

cars[2] = new Car("Silver", "CHR789", "CH003", "Chrysler", "USA", 3500000);

cars[3] = new Car("Blue", "ALP111", "CH004", "Alpina", "Germany", 9000000);

cars[4] = new Car("Gray", "AUD222", "CH005", "Audi", "Germany", 5000000);

cars[5] = new Car("Green", "BEN333", "CH006", "Bentley", "UK", 12000000);

cars[6] = new Car("Red", "BRA444", "CH007", "Brabus", "Germany", 15000000);

cars[7] = new Car("Orange", "CHE555", "CH008", "Chery", "China", 1200000);

cars[8] = new Car("Yellow", "TES666", "CH009", "Tesla", "USA", 8000000);

cars[9] = new Car("Purple", "LAM777", "CH010", "Lamborghini", "Italy", 20000000);

for (Car car : cars) {

car.displayInfo();

}

}

}

OUTPUT:

Brand: BMW

Color: Black

PlateNo: BMW123

ChassisNo: CH001

Origin: Germany

Price: 6000000.0

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Brand: Cadillac

Color: White

PlateNo: CAD456

ChassisNo: CH002

Origin: USA

Price: 7500000.0

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Brand: Chrysler

Color: Silver

PlateNo: CHR789

ChassisNo: CH003

Origin: USA

Price: 3500000.0

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Brand: Alpina

Color: Blue

PlateNo: ALP111

ChassisNo: CH004

Origin: Germany

Price: 9000000.0

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Brand: Audi

Color: Gray

PlateNo: AUD222

ChassisNo: CH005

Origin: Germany

Price: 5000000.0

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Brand: Bentley

Color: Green

PlateNo: BEN333

ChassisNo: CH006

Origin: UK

Price: 1.2E7

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Brand: Brabus

Color: Red

PlateNo: BRA444

ChassisNo: CH007

Origin: Germany

Price: 1.5E7

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Brand: Chery

Color: Orange

PlateNo: CHE555

ChassisNo: CH008

Origin: China

Price: 1200000.0

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Brand: Tesla

Color: Yellow

PlateNo: TES666

ChassisNo: CH009

Origin: USA

Price: 8000000.0

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Brand: Lamborghini

Color: Purple

PlateNo: LAM777

ChassisNo: CH010

Origin: Italy

Price: 2.0E7

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