

import java.util.Scanner;

public class Program{

public static void main(String[] args) {

Scanner in = new Scanner(System.in);

String[] mark = new String[] { "Audi", "BMW", "Honda", "Ford", "Mazda", "Nissan" };

String[] cv = new String[] { "red", "blue", "black", "white", "silver"};

int n=3;

Car[] s = new Car [n];

for (int i=0;i<n;i++)

{

System.out.print("VVEDITE id: ");

int idd = in.nextInt();

System.out.print("Viberite marku: ");

int m = in.nextInt();

String mar=mark[m-1];

System.out.print("VVEDITE model: ");

in.nextLine();

String mod = in.nextLine();

System.out.print("Viberite cvet: ");

int c=in.nextInt();

String col = cv[c-1];

System.out.print("VVEDITE reg nomer: ");

String reg = in.nextLine();

System.out.print("VVEDITE god: ");

int g = in.nextInt();

System.out.print("VVEDITE cenu: ");

int cen = in.nextInt();

s[i] = new Car(idd, mar,mod,col,reg,g,cen);

}

System.out.println("");

System.out.println("1: ");

System.out.print("Viberite marku: ");

int m = in.nextInt();

String mar=mark[m-1];

for (int i=0;i<n;i++)

{

if (s[i].getMarka()==mar) System.out.print(s[i].to\_String());

}

System.out.println("2: ");

System.out.print("VVEDITE model: ");

in.nextLine();

String modd= in.nextLine();

System.out.print("VVEDITE kol let: ");

int k = in.nextInt();

for (int i=0;i<n;i++)

{

if (s[i].getModel()==modd && 2021-s[i].getGod()>k) System.out.print(s[i].to\_String());

}

System.out.println("3:");

System.out.print("VVEDITE god: ");

int gg = in.nextInt();

System.out.print("VVEDITE cenu: ");

int cc = in.nextInt();

for (int i=0;i<n;i++)

{

if (s[i].getGod()==gg && s[i].getCena()>cc) System.out.print(s[i].to\_String());

}

}

}

class Car{

private

int id;

String marka,

model,

color,

regnom;

int god,cena;

public

Car(int ID, String Marka, String Model, String Color, String Regnom, int God, int Cena){

id=ID;

marka=Marka;

model=Model;

color=Color;

regnom=Regnom;

god=God;

cena=Cena;

}

int getId() {

return id;

}

void setId(int Id) {

id = Id;

}

String getMarka() {

return marka;

}

void setMarka( String Marka) {

marka = Marka;

}

String getModel() {

return model;

}

void setModel(String Model) {

model = Model;

}

String getColor() {

return color;

}

void setColor( String Color) {

color = Color;

}

String getRegnom() {

return regnom;

}

void setRegnom( String Regnom) {

regnom = Regnom;

}

int getGod() {

return god;

}

void setGod( int God) {

god = God;

}

int getCena() {

return cena;

}

void setCena( int Cena) {

cena = Cena;

}

String to\_String(){

return "\nid="+Integer.toString(getId())+

" marka ="+getMarka()+

" model="+getModel()+

" color="+getColor()+

" reg nomer :"+getRegnom()+

" god="+Integer.toString(getGod())+

" cena="+Integer.toString(getCena());

}

}