package vehiclehireapp;

import au.edu.swin.vehicle.Vehicle;

import au.edu.swin.vehicle.VehicleType;

import java.util.ArrayList;

import java.util.Scanner;

public class VehicleHireApp {

public static void main(String[] args) {

// Create the vehicle types

VehicleType sedan = new VehicleType("SEDAN", "A standard sedan", 4);

VehicleType limo6 = new VehicleType("LIMO6", "A six seater limo", 6);

VehicleType limo8 = new VehicleType("LIMO8", "An eight seater limo", 8);

// Create the vehicles

ArrayList<Vehicle> vehicles = new ArrayList();

vehicles.add(new Vehicle("Ed's Holden Caprice", "Silver", sedan, 2002));

vehicles.add(new Vehicle("John's Mercedes C200", "Black", sedan, 2005));

vehicles.add(new Vehicle("Guy's Volvo 244 DL", "Blue", sedan, 1976));

vehicles.add(new Vehicle("Sasco'sFord Limo", "White", limo6, 2014));

vehicles.add(new Vehicle("Peter's Ford Limo", "White", limo6, 2004));

vehicles.add(new Vehicle("Robert's Ford Limo", "White", limo8, 2003));

System.out.println("\n\nList of vehicles in system:");

for (Vehicle vehicle : vehicles) {

System.out.println(vehicle);

}

String typeCode = args[0];

System.out.println("\n\nList of vehicle of type " + typeCode);

for (Vehicle vehicle : vehicles) {

if (vehicle.getType().getCode().equals(typeCode)) {

System.out.println(vehicle);

}

}

System.out.println("It will display a list of vehicle type you choose");

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

System.out.println("2: LIMO6");

System.out.println("3: LIMO8");

System.out.println("4: Exit");

while (true) {

Scanner options = new Scanner(System.in);

System.out.println("Please select an option (1-4):");

int choice = Integer.parseInt(options.nextLine());

if (choice == 1) {

for (Vehicle vehicle : vehicles) {

if (vehicle.getType().getCode() == "SEDAN") {

System.out.println(vehicle.getName() + " " + vehicle.getColour() + " (" + vehicle.getType().getDescription() + ") " + vehicle.getYear());

}

}

} else if (choice == 2) {

for (Vehicle vehicle : vehicles) {

if (vehicle.getType().getCode() == "LIMO6") {

System.out.println(vehicle.getName() + " " + vehicle.getColour() + " (" + vehicle.getType().getDescription() + ") " + vehicle.getYear());

}

}

} else if (choice == 3) {

for (Vehicle vehicle : vehicles) {

if (vehicle.getType().getCode() == "LIMO8") {

System.out.println(vehicle.getName() + " " + vehicle.getColour() + " (" + vehicle.getType().getDescription() + ") " + vehicle.getYear());

}

}

} else if (choice == 4)

{

System.exit(0);

}

}

}

}

A screenshot of a cell phone

Description automatically generated