```java
 1.  import java.io.BufferedReader;
 2.  import java.io.IOException;
 3.  import java.io.InputStreamReader;
 4.  import java.util.HashMap;
 5.  import java.util.LinkedHashMap;
 6.  import java.util.Map;
 7.
 8.  public class Main {
 9.      public static void main(String[] args) throws IOException {
10.          BufferedReader reader = new BufferedReader(new InputStreamReader(System.in));
11.
12.          int n = Integer.parseInt(reader.readLine());
13.          Map<String, Engine> engines = new HashMap<>();
14.          Map<String, Car> cars = new LinkedHashMap<>();
15.
16.          for (int i = 0; i < n; i++) {
17.              String[] input = reader.readLine().split("\\s+");
18.
19.              String engineModel = input[0];
20.              String power = input[1];
21.              String efficiency = "n/a";
22.              String displacement = "n/a";
23.
24.              if (input.length == 4) {
25.                  displacement = input[2];
26.                  efficiency = input[3];
27.              } else if (input.length == 3) {
28.                  if (!Character.isDigit(input[2].charAt(0))) {
29.                      efficiency = input[2];
30.                  } else {
31.                      displacement = input[2];
32.                  }
33.              }
34.              Engine engine = new Engine(engineModel, power, efficiency, displacement);
35.              engines.put(engineModel, engine);
36.          }
37.
38.          int m = Integer.parseInt(reader.readLine());
39.
40.          for (int i = 0; i < m; i++) {
41.              String[] input = reader.readLine().split("\\s+");
42.              String carModel = input[0];
43.              String engineModel = input[1];
44.              String weight = "n/a";
45.              String color = "n/a";
46.
47.              if (input.length == 4) {
48.                  weight = input[2];
49.                  color = input[3];
50.              } else if (input.length == 3) {
51.                  if (!Character.isDigit(input[2].charAt(0))) {
52.                      color = input[2];
53.                  } else {
54.                      weight = input[2];
55.                  }
56.              }
57.              Car car = new Car(carModel, engines.get(engineModel), weight, color);
58.              cars.put(carModel, car);
```

```java
59.          }
60.
61.          for (String car : cars.keySet()) {
62.              System.out.println(car + ":");
63.              System.out.println(cars.get(car).getEngineModel() + ":");
64.              System.out.println("Power: " + cars.get(car).getEnginePower());
65.              System.out.println("Displacement: " + cars.get(car).getEngineDisplacement());
66.              System.out.println("Efficiency: " + cars.get(car).getEngineEfficiency());
67.              System.out.println("Weight: " + cars.get(car).getWeight());
68.              System.out.println("Color: " + cars.get(car).getColor());
69.          }
70.      }
71. }
```