

```

1  package App;
2
3  import java.util.Scanner;
4
5  public class AppScanner {
6      private static final Scanner scanner = new Scanner(System.in);
7
8      public static String nextLine() {
9          return scanner.nextLine();
10     }
11
12     public static int nextInt() {
13         while (true) {
14             try {
15                 return Integer.parseInt(scanner.nextLine());
16             } catch (NumberFormatException e) {
17                 // Do nothing or handle the exception as needed
18             }
19         }
20     }
21 }
22
23 public class AeroKit extends Parts {
24     private String color; // Additional attribute for Aero Kit
25
26     public AeroKit(int id, String name, String type, String brand, int
price, int volume, String color) {
27         super(id, name, type, brand, price, volume);
28         this.color = color;
29     }
30
31     public String getColor() {
32         return color;
33     }
34 }
35
36 public class Ecu extends Parts {
37     // No additional attributes specific to ECU
38
39     public Ecu(int id, String name, String type, String brand, int price,
int volume) {
40         super(id, name, type, brand, price, volume);
41     }
42 }
43
44 public class Engine extends Parts {
45     private int horsepower;
46
47     public Engine(int id, String name, String type, String brand, int
price, int volume, int horsepower) {
48         super(id, name, type, brand, price, volume);
49         this.horsepower = horsepower;
50     }

```

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51
52     public int getHorsepower() {
53         return horsepower;
54     }
55 }
56
57 public class RearWing extends Parts {
58     private String material; // Additional attribute for Rear Wing
59
60     public RearWing(int id, String name, String type, String brand, int
price, int volume, String material) {
61         super(id, name, type, brand, price, volume);
62         this.material = material;
63     }
64
65     public String getMaterial() {
66         return material;
67     }
68 }
69
70 public class Turbo extends Parts {
71     private String boost; // Additional attribute for Turbo
72
73     public Turbo(int id, String name, String type, String brand, int price,
int volume, String boost) {
74         super(id, name, type, brand, price, volume);
75         this.boost = boost;
76     }
77
78     public String getBoost() {
79         return boost;
80     }
81 }
82
83 public class Turbo extends Parts {
84     private String boost; // Additional attribute for Turbo
85
86     public Turbo(int id, String name, String type, String brand, int price,
int volume, String boost) {
87         super(id, name, type, brand, price, volume);
88         this.boost = boost;
89     }
90
91     public String getBoost() {
92         return boost;
93     }
94 }
95
96
```