

```

1  abstract class Beverage {
2      public String description = "Unknown Beverage";
3
4      public String getDescription() {
5          return description;
6      }
7
8      public abstract double cost();
9  }
10
11 class Espresso extends Beverage {
12     public Espresso() {
13         this.description = "Espresso";
14     }
15
16     public double cost() {
17         return 1;
18     }
19 }
20
21 class HouseBlend extends Beverage {
22     public HouseBlend() {
23         this.description = "House Blend";
24     }
25
26     public double cost() {
27         return 1.5;
28     }
29 }
30
31 abstract class Condiment extends Beverage {
32     public abstract String getDescription();
33 }
34
35 class Mocha extends Condiment {
36     private final Beverage beverage;
37
38     public Mocha(Beverage beverage) {
39         this.beverage = beverage;
40     }
41
42     public double cost() {
43         return 0.20 + beverage.cost();
44     }
45
46     public String getDescription() {
47         return this.beverage.getDescription() + ",Mocha";
48     }
49 }
50
51 class Whip extends Condiment {
52     private final Beverage beverage;
53
54     public Whip(Beverage beverage) {
55         this.beverage = beverage;
56     }
57
58     public double cost() {
59         return 0.15 + beverage.cost();
60     }
61
62     public String getDescription() {
63         return this.beverage.getDescription() + ",Whip";
64     }
65 }
66
67 class client {
68     public static void main(String[] args) {
69         Beverage b = new Mocha(new Mocha(new Whip(new HouseBlend())));
70         System.out.println(b.getDescription());
71         System.out.println(b.cost());
72     }
73 }
74
75

```

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Pattern STRUTTURALI	Pattern CREAZIONALI	Pattern COMPORIMENTALI
<input type="checkbox"/> Adapter <input checked="" type="checkbox"/> Decorator <input type="checkbox"/> Composite	<input type="checkbox"/> Abstract Factory <input type="checkbox"/> Singleton	<input type="checkbox"/> Observer <input type="checkbox"/> State <input type="checkbox"/> Visitor <input type="checkbox"/> Strategy