

<pre> public class Caramel extends SilkOreo{ String texture = "Softy"; public void method1() { System.out.println("Caramel m1"); } public void method4() { System.out.println("Caramel m4"); } public String toString(){ method2(); return "Caramel is "+ texture; } } </pre>	<pre> public class SilkOreo extends DairyMilk{ String texture = "Silky"; public void method1() { super.method1(); System.out.println("SilkOreo m1"); } public void method3() { System.out.println("SilkOreo m3"); System.out.println(this); } } </pre>
<pre> public class Chocolate{ String texture = "Chocolaty"; public void method1() { method2(); System.out.println("Chocolate m1"); } public void method2() { System.out.println("Chocolate m2"); } public String toString(){ method2(); return "Chocolate is "+ texture; } } </pre>	<p>And assuming the following variables have been defined:</p> <pre> Chocolate chocol = new Chocolate(); KitKat kit = new KitKat(); DairyMilk dairyMilk1 = new DairyMilk(); DairyMilk dairyMilk2 = new SilkOreo(); Object obj1 = new DairyMilk(); Object obj2 = new KitKat(); Chocolate caramell = new Caramel(); </pre>
<pre> public class DairyMilk extends Chocolate{ String texture = "Yummy"; public void method2() { System.out.println(this.texture); System.out.println("DairyMilk m2"); } public void method3() { System.out.println("DairyMilk m3"); } } </pre>	
<pre> public class KitKat extends Chocolate{ String texture = "Crunchy"; public void method1() { System.out.println("KitKat m1"); } public void method4() { System.out.println("KitKat m4"); } public String toString(){ method2(); return "KitKat is "+ texture; } } </pre>	

In the table below, indicate in the right-hand column the output produced by the statement in the left-hand column. If the statement produces more than one line of output, indicate the line breaks with slashes as in "a/b/c" which indicates three lines of output with "a" followed by "b" followed by "c". If the statement causes an error, fill in the right-hand column with either "CT" for "compile time error" or RE for "runtime error" to indicate when the error would be detected.

Statement	Output
<code>chocol.method1();</code>	
<code>dairyMilk1.method1();</code>	
<code>dairyMilk2.method4();</code>	
<code>caramell1.method1();</code>	
<code>System.out.println(caramell1);</code>	
<code>System.out.println(caramell1.texture);</code>	
<code>((Chocolate)kit).method2();</code>	
<code>((SilkOreo)dairyMilk2).method3();</code>	
<code>((DairyMilk)kit).method2();</code>	
<code>((Chocolate)kit).method3();</code>	
<code>((Chocolate)dairyMilk2).method1();</code>	
<code>((Chocolate)obj1).method2();</code>	
<code>((Caramel)obj1).method2();</code>	
<code>((SilkOreo)obj2).method3();</code>	
<code>System.out.println(((Object)chocol).toString());</code>	
<code>System.out.println(((Chocolate)kit).texture);</code>	