## Task 5

| 1 | **public class Foo{** |
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| 2 | **public int bar, buz;** |
| 3 | **public Foo(int bar, int buz){** |
| 4 | **this.bar = bar;** |
| 5 | **this.buz = buz;** |
| 6 | **}** |
| 7 | **}** |
| 8 | **class Quiz5{** |
| 9 | **public int sum = 12, x = 2, y = 6;** |
| 10 | **public Foo foo;** |
| 11 | **public Quiz5(Foo f){** |
| 12 | **foo = f;** |
| 13 | **int x = this.foo.buz + y;** |
| 14 | **sum = sum + (f.bar--) + y;** |
| 15 | **System.out.println(foo.bar + " " + sum + " " + x);** |
| 16 | **sum -= 10;** |
| 17 | **}** |
| 18 | **public void methodA(int bar, int buz){** |
| 19 | **bar = 3 + bar - this.foo.bar;** |
| 20 | **x = bar + 12 + y;** |
| 21 | **y = foo.buz + buz + bar;** |
| 22 | **sum = y + methodB(foo.buz, foo) + foo.buz;** |
| 23 | **System.out.println(bar + " " + y + " " + sum);** |
| 24 | **}** |
| 25 | **public int methodB(int bar, Foo buz){** |
| 26 | **int sum = bar + buz.bar + x;** |
| 27 | **buz.buz = sum + this.sum;** |
| 28 | **System.out.println(bar + " " + buz.buz + " " + sum);** |
| 29 | **return sum;** |
| 30 | **}** |
| 31 | **}** |

| **Driver Code** | **Output** | | |
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| **public class LabTester{**  **public static void main(String []args){**  **Foo p = new Foo(3, 4);**  **Quiz5 q = new Quiz5(p);**  **q.methodA(4, 8);**  **}**  **}** |  |  |  |
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