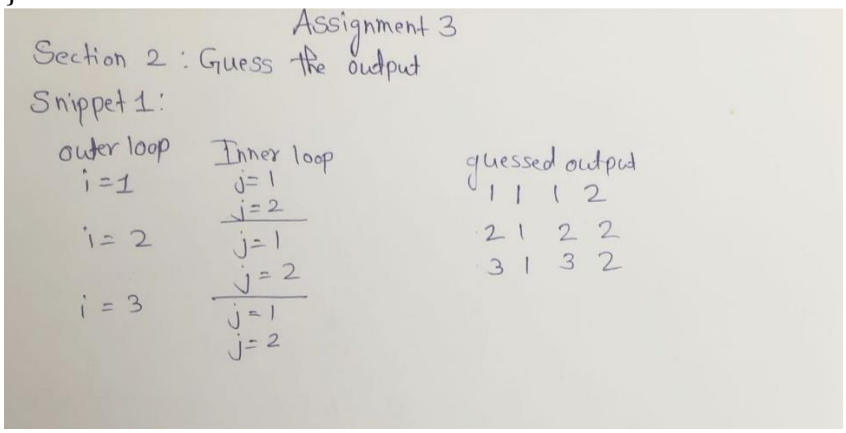
SECTION 2: Guess the Output

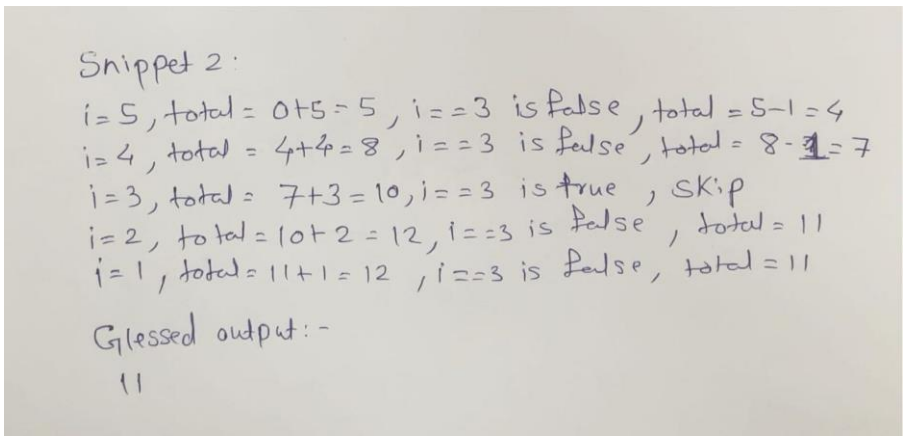
Snippet 1:

```
public class NestedLoopOutput {
        public static void main(String[] args) {
        for (int i = 1; i <= 3; i++) {
                for (int j = 1; j <= 2; j++) {
                        System.out.print(i + " " + j + " ");
                }
        System.out.println();
        }
    }
}
```



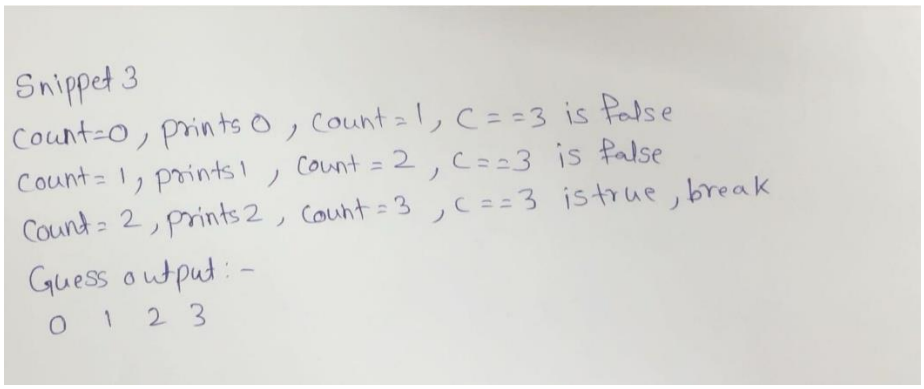
Snippet 2:

```
public class DecrementingLoop {
        public static void main (String[] args) {
        int total = 0;
        for (int i = 5; i > 0; i--) {
                total += i;
                if (i == 3) continue;
                        total -= 1;
                }
        System.out.println(total);
        }
}
```



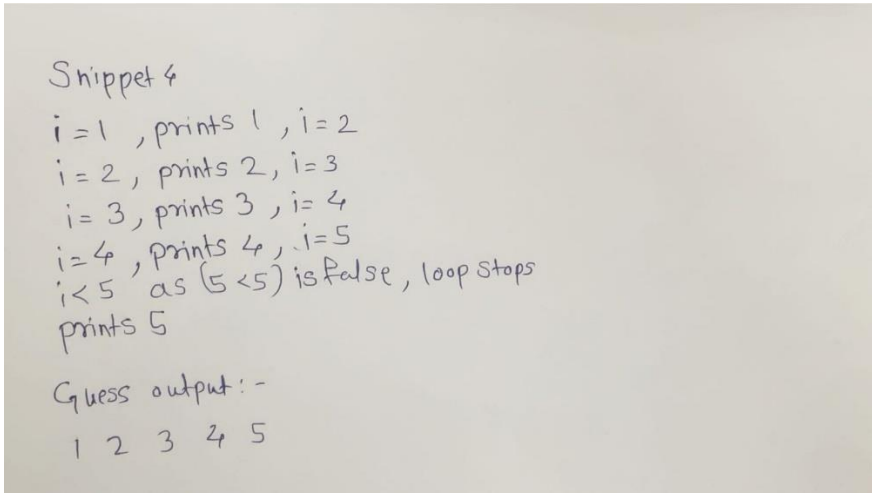
Snippet 3:

```
public class WhileLoopBreak {
        public static void main (String[] args) {
        int count = 0;
        while (count < 5) {
                System.out.print(count + " ");
                count++;
        if (count == 3) break;
         }
        System.out.println(count);
    }
}
```



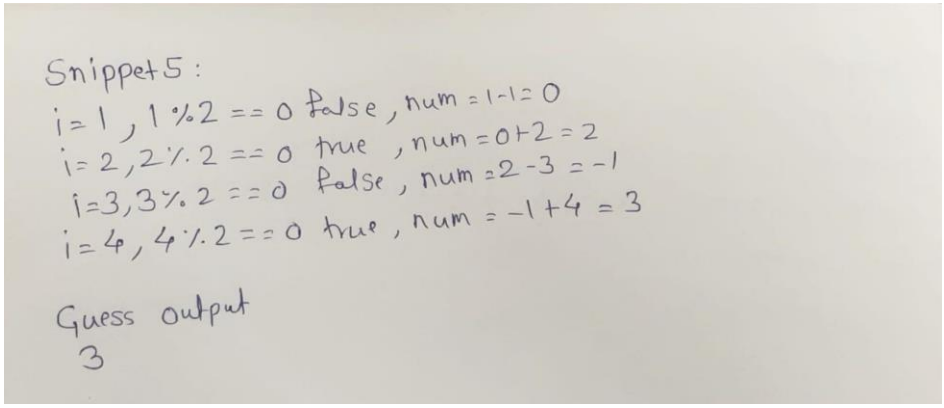
Snippet 4:

```
public class DoWhileLoop {
        public static void main(String[] args) {
        int i = 1;
        do {
                System.out.print(i + " ");
                i++;
        } while (i < 5);
        System.out.println(i);
    }
}
```



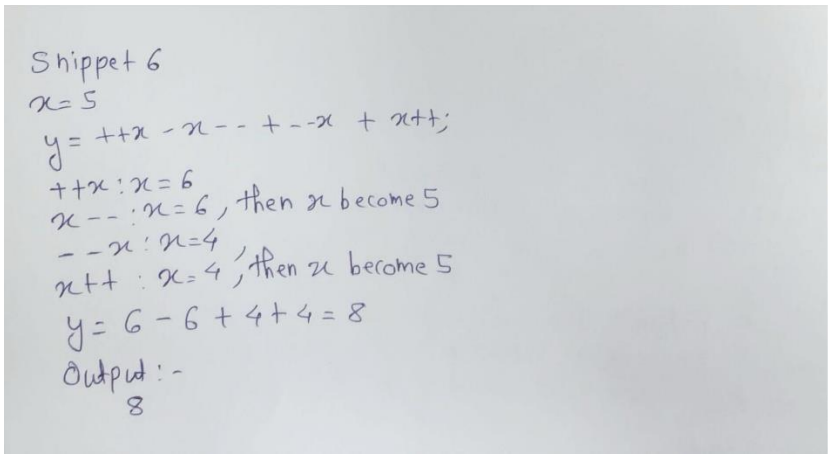
Snippet 5:

```
public class ConditionalLoopOutput {
	public static void main (String[] args) {
	int num = 1;
	for (int i = 1; i <= 4; i++) {
		if (i % 2 == 0) {
			num += i;
		} else {
			num -= i;
		}
	}
	System.out.println(num);
	}
}
```



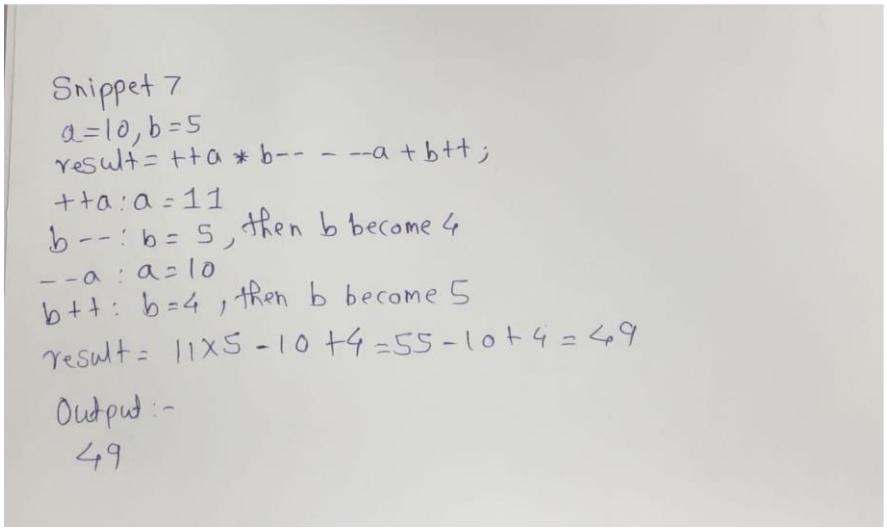
Snippet 6:

```
public class IncrementDecrement {
	public static void main(String[] args) {
		int x = 5;
		int y = ++x - x-- + --x + x++;
		System.out.println(y);
	}
}
```



Snippet 7:

```
public class NestedIncrement {
	public static void main(String[] args) {
		int a = 10;
		int b = 5;
		int result = ++a * b-- - --a + b++;
		System.out.println(result);
	}
}
```



Snippet 8:

```
public class LoopIncrement {
	public static void main(String[] args) {
		int count = 0;
		for (int i = 0; i < 4; i++) {
		count += i++ - ++i;
		}
		System.out.println(count);
	}
}
```