Snippet 1:

```java
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();
 }
 }
}
```

OUTPUT: 1 1 1 2

      2 1 2 2

      3 1 3 2

Snippet 2:

```java
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);
 }
}
```

OUTPUT: 11

Snippet 3:

```java
public class WhileLoopBreak {
 public static void main(String[] args) {
 int count = 0;
 while (count < 5) {
```

```java
    System.out.print(count + " ");

    count++;

    if (count == 3) break;

    }

    System.out.println(count);

    }

}
```
OUTPUT: 0 1 2 3

Snippet 4:
```java
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);

    }

}
```
OUTPUT: 1 2 3 4 5

Snippet 5:
```java
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);
```

```
    }
}
```

OUTPUT: 3

Snippet 6:

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

OUTPUT: 8

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);
 }
}
```

OUTPUT: 49

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);
 }
```

}

OUTPUT: -4