Sc.1 . Value increase/ change at Row Level.

```java
int printNum = 1;  ✓✓
    for (int row = 1; row <= n; row++) {

        for (int col = 1; col <= row; col++) {
            System.out.print(printNum);
        }
        printNum++;  ✓✓
        System.out.println();

    }
```

Col Loop (annotation on left)

→ Row Level Area (annotation)

```
1
2 2
3 3 3
4 4 4 4
```

SC 2: Value is changed/ at col level

increased

```java
for (int row = 1; row <= n; row++) {
        int printNum = 1;        →
        for (int col = 1; col <= row; col++) {
            System.out.print(printNum);
            printNum++;        →
        }

        System.out.println();

    }
```

1

1 2

1 2 3

1 2 3 4

SC3. Value increase at col and Row level

```java
int printNum = 1;
    for (int row = 1; row <= n; row++) {

        for (int col = 1; col <= row; col++) {
            System.out.print(printNum+" ");
            printNum++;
        }

        System.out.println();

    }
```

$$1$$
$$2 \ 3$$
$$4 \ 5 \ 6$$
$$7 \ 8 \ 9 \ 10$$

```
i/j 1  2  3  4  5
1   *  *  *  *  *
2   *  *  *  *
3   *  *  *
4   *  *
5   *
```

Times
Loop execution
No. of stars

Row	Col
1	5
2	4
3	3
4	2
5	1