int n = 5

3 Loops

X   col.

1-5 (n)
row ✓   Space   Star ( )

current

5 →   ↕ n-row = 4

5·2   3   2

6·3   2   3

5·4   1   4

5·5   0   5

outer Row Loop

	1	2	3	4	5
1					*
2				*	*
3			*	*	*
4		*	*	*	*
5	*	*	*	*	*

ttl No Rows - current Row

j < i

	1
2	2
3	3

outer, Row $1 - n$ $n = 5$

for (int $i = 1$; $i <= n$; $i{+}{+}$) {

→ spaces

(1) for (int $sp = 1$; $sp <= (n-i)$; $sp{+}{+}$) {

Syso print (" - ");

→ stars

3

(2) for (int $st = 1$; $st <= (i)$; $st{+}{+}$) {

Syso print (' * ');

}

Syso print (nl);

}

int n = 5;   half = (n+1)/2; 113

	1	2	3
1	*	/	/
2	*	*	/
3	*	*	*
4	*	*	/
5	*	/	/

Ge

Rows

row   star (times)
                = row

```
    1            1

    2            2

    3            3
─ ─ ─ ─ ─ ─ ─ ─ ─ ─
    4            2

    5            1
```

for(int i=1; i<=n; i++) {
  for(int j=1; j<= n; j++) {
    Sysout ("*");
      3   3

half = 3
row

1
2
3

star
=

1
2
3

int st = 0;
if (row <= half) {
    st = row;

3

half = 3

row 1, 3 3