

$n = \underline{3}$

	$j=0$	$j=1$	$j=2$
$i=0 \rightarrow$	+	+	+
$i=1 \rightarrow$	+	+	+
$i=2 \rightarrow$	+	+	+

Rows = 3

$i = \underline{\text{Rows}}$

for  $i$  in range( $n$ )  
for  $j$  in range( $n$ )

Nested  
 $\rightarrow$

$j = \text{columns}$

$n = \underline{5}$

$i=0$	-	-	-	-	*
1	-	-	-	*	*
2	-	-	*	*	*
3	-	*	*	*	*
4	*	*	*	*	*

\* \* \* + +  
+ + + +  
+ + +  
+ +  
+

	No of spaces		stars
0	4	$n-i-1$	1
1	3	$n-i-1$	2
2	2	$n-i-1$	3
3	1		4
4	0		5

$$n = 7$$

no

7	7	7	7	7	7	7
7	6	6	6	6	6	7
7	6	5	5	5	6	7
7	6	5	4	5	6	7
7	6	5	5	5	6	7
7	6	6	6	6	6	7
7	6	7	7	7	7	7

$$i = 2$$

$$j = 1$$

	<b>j</b>	0	1	2	3	4	5	6
<b>i</b>	0	7 <sub>00</sub>	7 <sub>01</sub>	7 <sub>02</sub>	7 <sub>03</sub>	7 <sub>04</sub>	7 <sub>05</sub>	7 <sub>06</sub>
1		7 <sub>10</sub>	6 <sub>11</sub>	6 <sub>12</sub>	5 <sub>13</sub>	5 <sub>14</sub>	5 <sub>15</sub>	7 <sub>16</sub>
2		7 <sub>20</sub>	6 <sub>21</sub>	5 <sub>22</sub>	4 <sub>23</sub>	5 <sub>24</sub>	6 <sub>25</sub>	7 <sub>26</sub>
3		7	6	5	5	5	6	7
4		7	6	6	6	6	6	7
5		7	6	7	7	7	7	7
6		7	7	7	7	7	7	7 <sub>66</sub>

$$n - j - 1$$

$$7 - 1 - 1$$

$$7 - 2$$

$$5$$

1

$$\rightarrow 2$$

$$10 - 2 \leftarrow$$

	0	1	2	3	4	5	6
			0				

$$7 - 2 - 1$$

$$5$$

$$i \quad i \quad n - i - 1, n - j - 1$$

$i, j$      $n-i-1, n-j-1$   
 Max 2, 1, 4, 5

Max + 1 — 6

