SQUARE OUTPUT 2

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 1 | \* | \* | \* | \* |  |  | \* | \* | \* | \* |
| 2 | \* | \* |  |  |  |  |  |  | \* | \* |
| 3 | \* |  | \* |  |  |  |  | \* |  | \* |
| 4 | \* |  |  | \* |  |  | \* |  |  | \* |
| 5 |  |  |  |  | \* | \* |  |  |  |  |
| 6 |  |  |  |  | \* | \* |  |  |  |  |
| 7 | \* |  |  | \* |  |  | \* |  |  | \* |
| 8 | \* |  | \* |  |  |  |  | \* |  | \* |
| 9 | \* | \* |  |  |  |  |  |  | \* | \* |
| 10 | \* | \* | \* | \* |  |  | \* | \* | \* | \* |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 1 | (1,1) | (1,2) | (1,3) | (1,4) |  |  | (1,7) | (1,8) | (1,9) | (1,10) |
| 2 | (2,1) | (2,2) |  |  |  |  |  |  | (2,9) | (2,10) |
| 3 | (3,1) |  | (3,3) |  |  |  |  | (3,8) |  | (3,10) |
| 4 | (4,1) |  |  | (4,4) |  |  | (4,7) |  |  | (4,10) |
| 5 |  |  |  |  | (5,5) | (5,6) |  |  |  |  |
| 6 |  |  |  |  | (6,5) | (6,6) |  |  |  |  |
| 7 | (7,1) |  |  | (7,4) |  |  | (7,7) |  |  | (7,10) |
| 8 | (8,1) |  | (8,3) |  |  |  |  | (8,8) |  | (8,10) |
| 9 | (9,1) | (9,2) |  |  |  |  |  |  | (9,9) | (9,10) |
| 10 | (10,1) | (10,2) | (10,3) | (10,4) |  |  | (10,7) | (10,8) | (10,9) | (10,10) |

FROM OBSERVATION OF COORDINATES:

1. (1,1), (1,2), (1,3), (1,4), (1,7), (1,8), (1,9), (1,10) -------- Row = 1 AND Col is not 5,6

i.e. Row =1 && !(5<=Col<=6) i.e. Row=1 && !(total\_row/2<=Col<=total\_row/2 +1)

1. (10,1), (10,2), (10,3), (10,4), (10,7), (10,8), (10,9), (10,10) ---- Row=10 And Col is not 5,6 i.e., Row = total\_row && !(total\_row/2<=Col<=total\_row/2 +1)
2. (1,1), (2,1), (3,1), (4,1), (7,1), (8,1), (9,1), (10,1) ------ Col=1 AND Row is not 5,6

i.e. Col=1 && !(total\_row/2<=Row<=total\_row/2 +1)

1. (1,10), (2,10), (3,10), (4,10), (7,10), (8,10), (9,10), (10,10) --- Col = 10 AND Row is not 5,6 i.e., Col = total\_row && !(total\_row/2<=Row<=total\_row/2 +1)
2. (1,1), (2,2), (3,3), (4,4), (5,5), (6,6), (7,7), (8,8), (9,9), (10,10) ---- Row = Col
3. (1,10), (2,9), (3,8), (4,7), (5,6), (6,5), (7,4), (8,3), (9,2), (10,1) ---- Row + Col = 11 i.e Row+ Col = total\_row + 1