

# Conditions & loops lecture

row → col

## Pattern Printing :-

|                |                |                |                |                |
|----------------|----------------|----------------|----------------|----------------|
| r <sub>0</sub> | *              | *              | *              | *              |
| r <sub>1</sub> | *              | *              | *              | *              |
| r <sub>2</sub> | *              | *              | *              | *              |
| r <sub>3</sub> | *              | *              | *              | *              |
|                | c <sub>0</sub> | c <sub>1</sub> | c <sub>2</sub> | c <sub>3</sub> |

### Rules

- 1) Find no. of row (outer loop main hoga karna hai)
- 2) For each row write down what's happening to find a pattern (inner loop main hoga karna hai)

r<sub>0</sub> - 4 star

r<sub>1</sub> - 4 star

r<sub>2</sub> - 4 star

r<sub>3</sub> - 4 star

3.)

every row is printing 4 stars

|                |   |   |   |   |   |   |   |
|----------------|---|---|---|---|---|---|---|
| r <sub>0</sub> | * | * | * | * | * | * | * |
| r <sub>1</sub> | * |   |   |   |   |   |   |
| r <sub>2</sub> | * |   |   |   |   |   |   |
| r <sub>3</sub> | * |   |   |   |   |   |   |

r<sub>0</sub> → 0 → 8

Done till 1:29:18

<https://learn.thecodehelp.in/s/courses/64ac1e26e4b058d162d922bc/take>