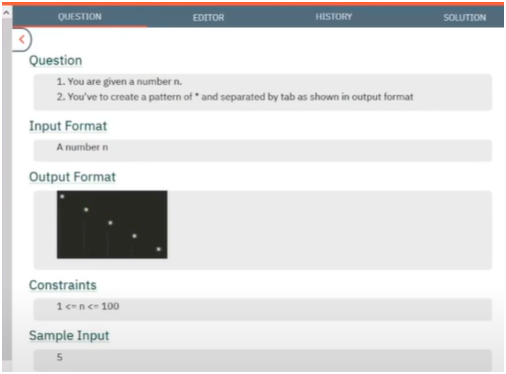
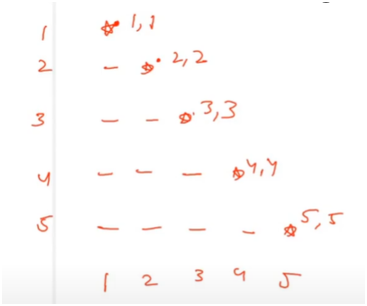
PRINT DIAGONAL BASED ON INPUT NUMBER





**UNDERSTANDING:-**

THERE IS A SPACE AND STAR PATTERN

IF U OBSERVED CAREFULLY STARS ARE ONLY PRINTED WHEN COLUMN AND ROW GET EQUAL THAT is i EQUALS TO j OTHER WISE PRINT SPACE

ALGO:-

🧠 ALGORITHM WORKFLOW:

\* 1. Take input for `total\_rows`.

\* 2. Run a \*\*nested loop\*\*:

\* - Outer loop `i` from 1 to total\_rows → for rows.

\* - Inner loop `j` from 1 to total\_rows → for columns.

\*

\* 3. Inside the inner loop:

\* - If `i == j` (i.e., diagonal position), print `"\*"`

\* - Else, print a tab space `"\t"`

\*

🔢 KEY POINT:

\* - Only one `\*` is printed per row, and it moves diagonally from top-left to bottom-right.

\* - Tabs are used for alignment.

\*