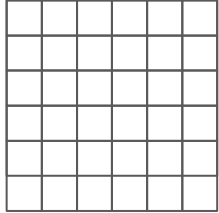
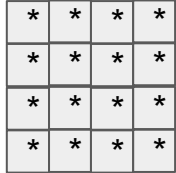


CANDIDATES MAY USE ANY PROGRAMMING LANGUAGE (C, C ++, PYTHON, HTML, PHP] TO SOLVE THE PROBLEM STATEMENT GIVEN BELOW. IN DOUBT DO ASSUMPTION. THE PROGRAM SHOULD BE DYNAMIC IN NATURE WITH NO HARDCODING . ROW AND COL 2,3 IS FOR EXAMPLE , THE LOGIC SHOULD WORK WITH ANY RANDOM ROW AND COL

STEP 1 : DRAW 20 X 20 GRID



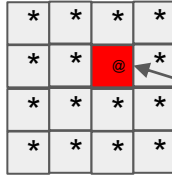
STEP 2 : PUT STAR (*) SYMBOL IN EACH CELL



STEP 3 : ASK ROW NUMBER AND COL NUMBER INPUT FROM USER

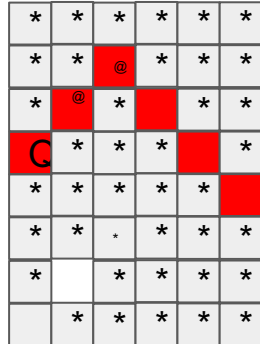
ROW : 2
COL : 3

STEP 4 : PRINT @ SYMBOL IN CELL NUMBER ROW =2 , COL 3

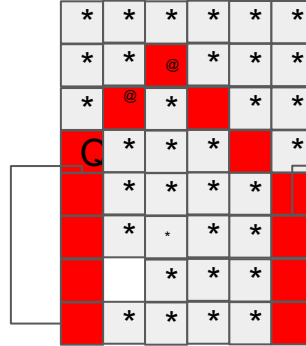


ROW : 2
COL : 3

STEP 5: PRINT @ SYMBOL IN ALL CELLS WHICH ARE DIAGONAL FROM FIRST SELECTED CELL I.E NUMBER ROW =2 , COL 3

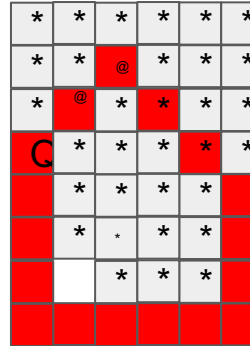


STEP 6: WHENEVER THE DIAGONAL CELL REACHES THE LEFT OR RIGHT EDGE ,PRINT @ SYMBOL IN ALL CELLS WHICH GOES DOWN FROM EDGE,



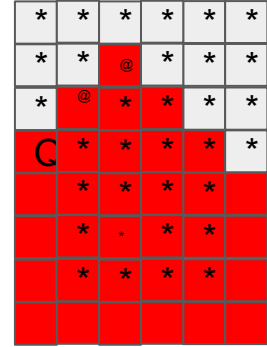
PRINT
VERTICAL ON
COL WHICH IS
AN EDGE OF
DIAGONAL

STEP 7: WHENEVER THE Vertical CELL REACHES THE BOTTOM ,PRINT @ SYMBOL IN ALL CELLS WHICH IS BOTTOM MOST ROW



LAST ROW

STEP 8: FILL ALL CELLS INSIDE THE POLYGON WITH @ SYMBOL



QUESTION : CALCULATE TOTAL NUMBER OF CELLS COVERED IN RED WITH @ SYMBOL

NOTE :

1. THE LOGIC SHOULD WORK WITH ANY ROW AND COL LIKE IT SHOULD WORK FOR 0,0 OR 3,4 OR ANY RANDOM SELECTION. NO HARDCODING IS ALLOWED.
2. THERE WILL BE ZOOM CALL TO CHECK THE OUTPUT AND CODE ON CODE EDITOR



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