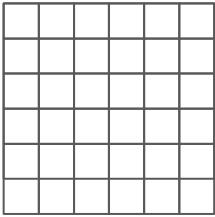
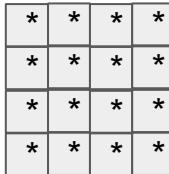


CANDIDATES MAY USE ANY PROGRAMMING LANGUAGE (C, C ++, PYTHON, HTML, PHP] TO SOLVE THE PROBLEM STATEMENT GIVEN BELOW. IN DOUBT DO ASSUMPTION. THE PROGRAM SHOULD BE DYNAMIC IN NATURE WITH NO HARDCODING . ROW AND COL 2,3 IS FOR EXAMPLE , THE LOGIC SHOULD WORK WITH ANY RANDOM ROW AND COL

STEP 1 : DRAW
20 X 20 GRID



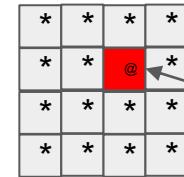
STEP 2 : PUT STAR (*)
SYMBOL IN EACH CELL



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

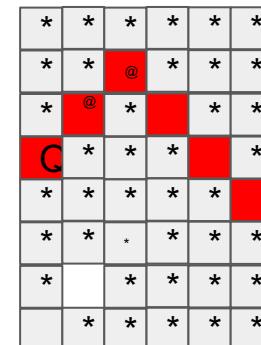
ROW : 2
COL : 3

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

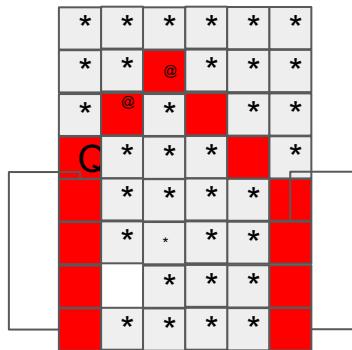


ROW : 2
COL : 3

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

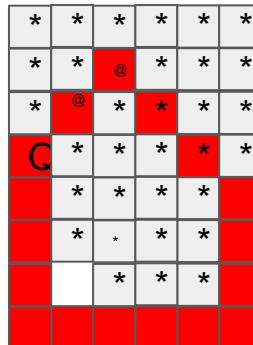


STEP 6: WHENEVER THE DIAGONAL
CELL REACHES THE LEFT OR RIGHT
EDGE ,PRINT @ SYMBOL IN ALL
CELLS WHICH GOES DOWN FROM
EDGE,



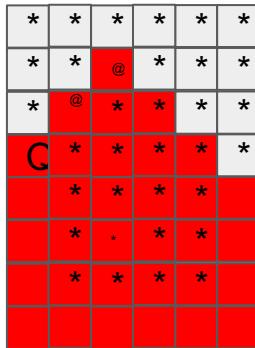
PRINT
VERTICAL ON
COL WHICH IS
AN EDGE OF
DIAGONAL

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



B2L MOBITECH PVT LTD
B2LLAB.IN
info@b2lmobitech.in