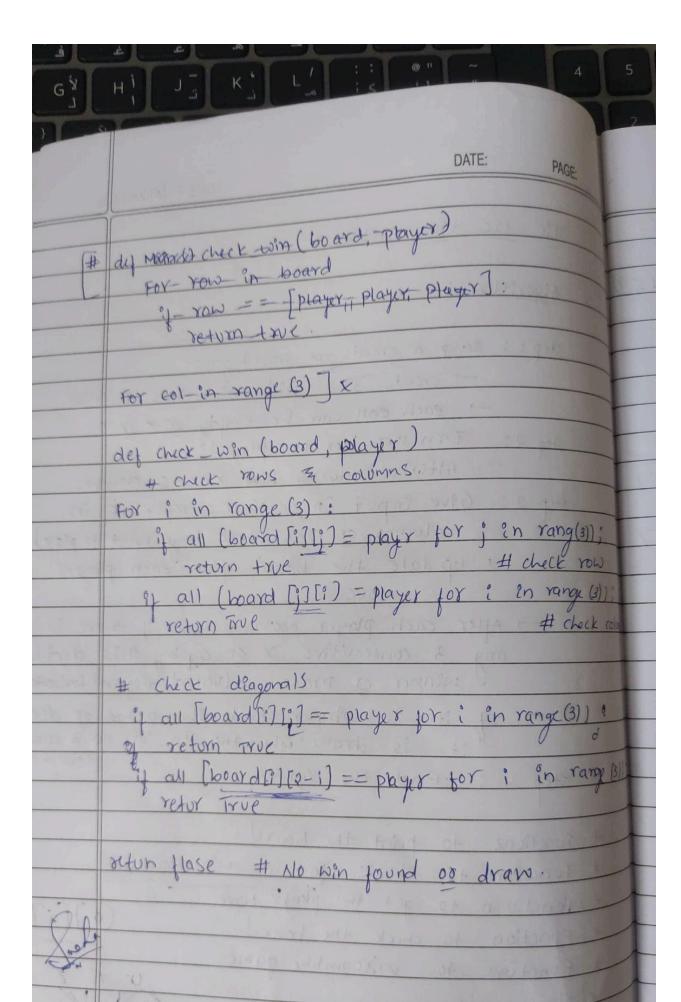
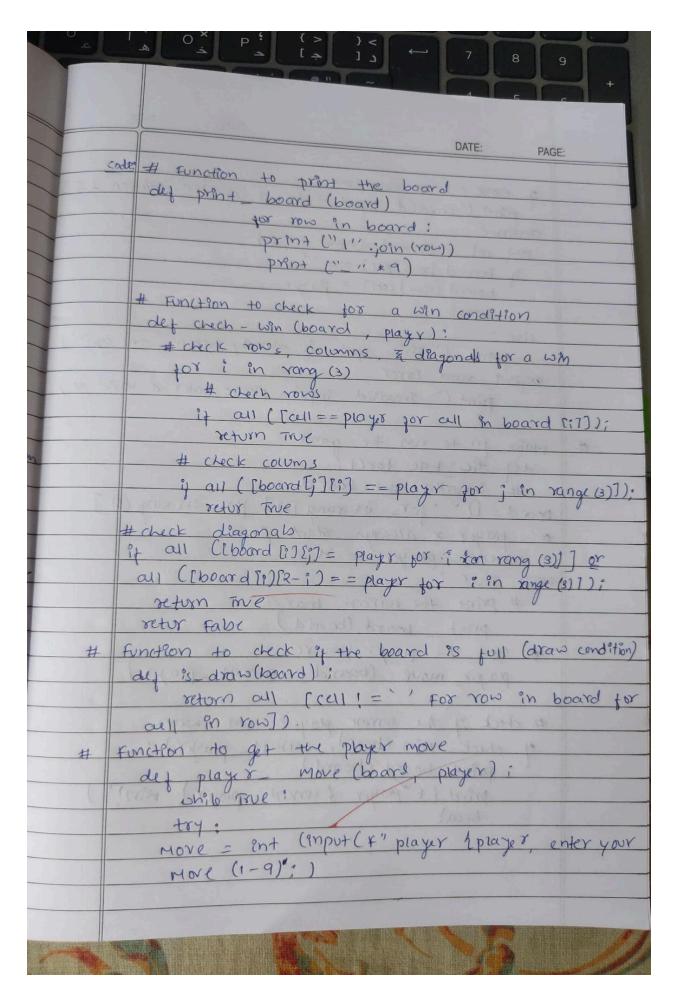
LAB 01:Tic Tac Toe Problem

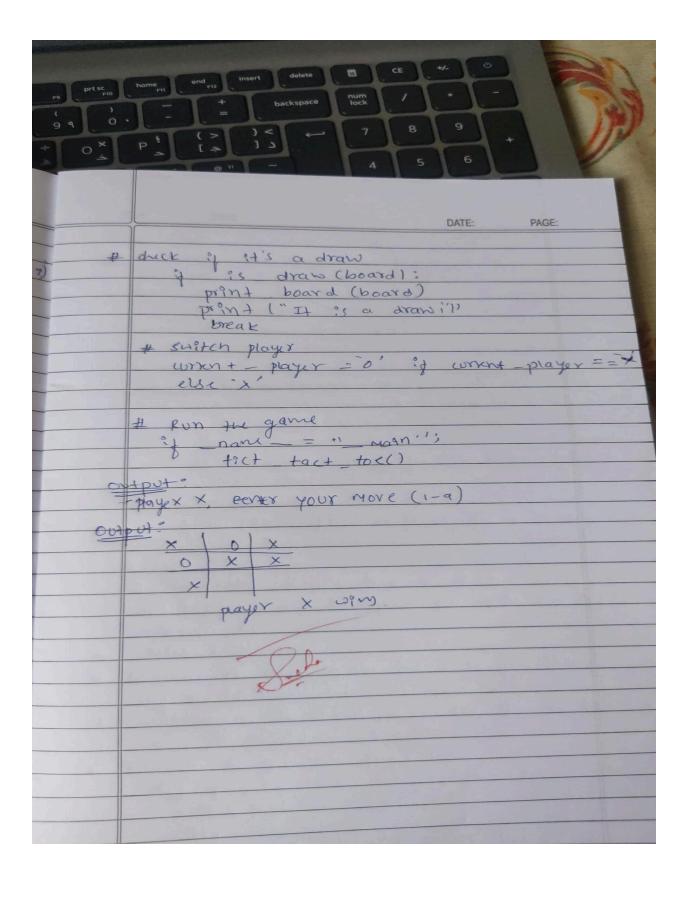
*	
	The tac toe problems-
	Algorithm:
	esteps: norm a crease a board garne
	each can be empty or x or o
+	SALD A THE OP THE ANA DIGUEST
	step 3: Gave Enput (place of or o reportable in
	columns or your where they count to place
1	- up date the board after each players move.
	- After each player move, chech if there is
	ony 3 consecutive x or of by this decade without or trais (vertical, diagonal horizon
	- It is winner end the game or el
	step 4 ? End the Gard.
4	Functions to print the board.
V	function to check for a win condition
	Function to get the play'r Move (0)[
	the standard
	0 / 2
*	1000
	2000
	[:7[0]





PACE DATE: of move es or more >9: print ("sorvalid input . Enter a mount between 1 = 3) poord (nois 7 Rol) == 1; continue board [row] (col) = player break prent ("This spot is already taken try organ") expect value error print (" Invalid input please enter a valid no main in to ron the game I intially the board board = [[" for in range [3]] for in range (3)] # player x always starts first while mue : # print the whent board print board (board) of get the player's move paper move (board, whent player If chick win (board, whent player):

print_board (board) print (+ "player of current - player) win!" break



Output:

```
Player X, enter your move (1-9): 1
X | |
Player 0, enter your move (1-9): 2
X | 0 |
-----
Player X, enter your move (1-9): 3
X \mid O \mid X
Player 0, enter your move (1-9): 4
X \mid O \mid X
-----
0 | |
Player X, enter your move (1-9): 5
X \mid O \mid X
0 | X |
Player 0, enter your move (1-9): 6
X \mid O \mid X
-----
```

```
Player X, enter your move (1-9): 3
X \mid O \mid X
-----
Player 0, enter your move (1-9): 4
X \mid O \mid X
0 | |
Player X, enter your move (1-9): 5
X \mid O \mid X
0 | X |
Player O, enter your move (1-9): 6
X \mid O \mid X
0 | X | 0
Player X, enter your move (1-9): 7
X | 0 | X
0 | X | 0
X | |
Player X wins!
=== Code Execution Successful ===-
```