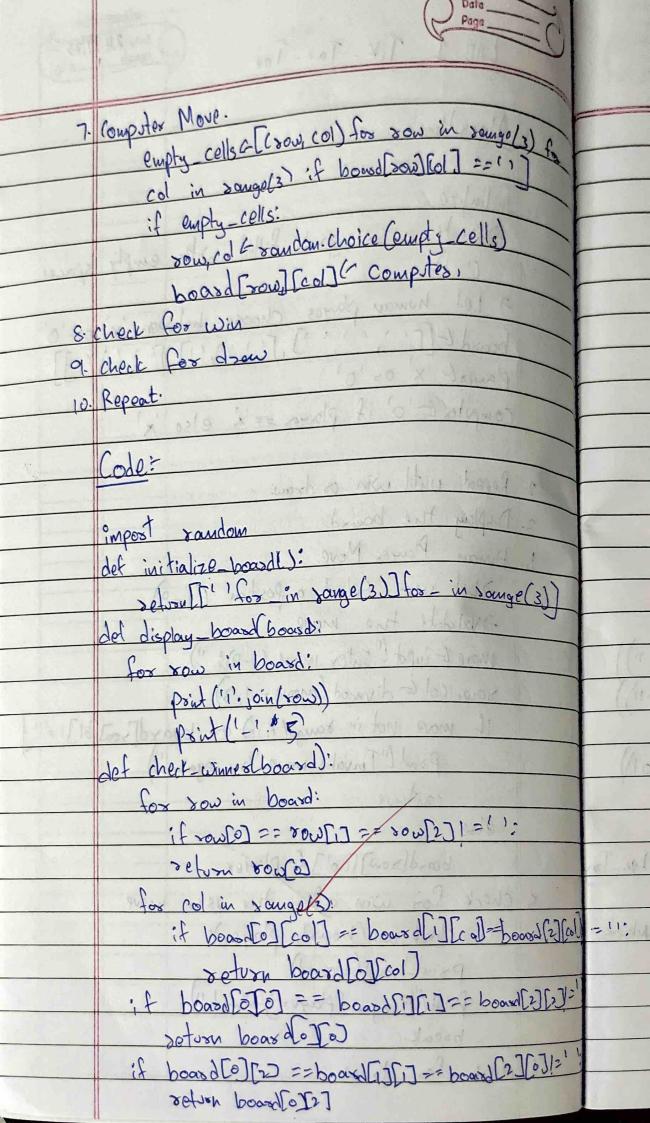
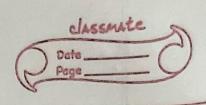


LAB-1. Tik-Tac-Toe

	Sup M reference to
0 6	Algorithm of 2 100 con Jastos House
	1 == [16] Para Land 2: (8 hours of 16 hours
1.	Initialize 12 19 19 19 1
	> create a 3+3 grid filled with empty spaces
	C) Degrap of harland board
	Down the player choose between x' or o' board to [[' ', ' '], ['], ['], ['], ['], [']]
	board [[1], (1), (1), [1], [1], (1), (1)]
	playest 'x' ox 'o' . taggall or
	playes L'x' os 'o' Computes L'o' if playes == 'x' else 'x'
	to Ao ?
2-	Repeat until win or draw:
3.	Display the board.
سا	Human Player Move. 11 months and
18)9	-> Let uses Select a position (1-9)
	- Walidate the move which has
	more E inpot l'Enter more (1-a): ")
	sow, col 6 digmod (move - 1,3)
	if more not in sange(1, 10) or board[som][6]]="]
	Point ("Invalid move. Try again-")
	continue desal si mad sal
	else: Character (a)
	board[sow][col] L- player
ζ.	check for win after the user more
5)600	it check win (board, player):
	psint-boad (board)
(1(8)	Point (polages splages juing !!)!
	boeak. Colokund water
6.	check for draw.

[Tollmood weeks





Seturn None def available - moves (board): defunting) for i in sough (3) for j in sought if pood[][]==1,7 def aneck-two-in a south oord, playes); too sow in sangels): if board[sow]-count(playor)==2 and board[sow]. count (11) == 6 retur sow, board sad index (17) for col in rouge(3). Wo if [board [row] col] for row in rouge(3)]. countiflages == 2: emply and of [sow for sow in souge (3) : f board [sou][col] == 1] of empty indosing of alides Dolum cupty index [0], col it [board [i][i] for in a mange (3) court (playex)==2 empty-index = Li for i in sounge(3) it board(i)[] == 13] worthood 1: of cupy intex: return empty-index[0], empty-index[0] if [boardi][2-1] for i in > ougo(3)]. cout(played - 2: cupty-index = [i for i surrange(3) : f board[i][2-i) Cit empty index 101 100 =11: seturn compty_index[0], 2-oupty_index[0] roturn Nons. (11000) det make more (board, player, more): board [move [o] [move [i] - player

