7. almost win () function state of board. it any now or column or diagonal has two similar elements that would make the player win such condition must be blocked by Aimore if the almost win conditions are true symbol'x' is placed to avoid winning X >> x situation of user. to-win () function this function brings up the winning condition for AI. condition for AI. if almost win () conditions are false

AI can make move to match winning conditions
else make sandom choice. print-board () function winner is printed on every move and without is full or check winner is true. if almost win () of to-win () conditions are true AI will prioritize tra-win () function.

	Code:
	import random
	def print-board (board):
	for you in board:
	print ("  " . join (row))
	print ("-" * 9)
	det wheck-winner (board):
	for i in range (3):
	if board [i][0] == board(i][1] == board[i][2]!=
	return board[i](0)
	it board [O][i] == board[i][i] == board[2][i]!="":
	veturn beard (o)(i)
	it board [0][0] == b.oard[1][1] == board[2][2] != ";
	seturn board [0](0)
	if board (0)(2) == board [](1) == board[2](0)1= "":
* *	seturn board [O][2]
	octurn None
	det is - board-full (board):
	return all (cell! = " " for row in beard too cell
	in row)
LYNN CX	White dealers I
	def get_available_moves (board):
	def get_awilable_moves (board):  **setwin ((i, j) for i in sange(3) for j in  **range(3) if board(i](j] == "]
	range(3) if board(i)(j) == "
_	
	det human-move (beard):
	while Touc:
_	move : int (input (" Enter your move (1-9):"))-1
	more int (input ( that your more (1-4))

_	
	if move <0 or move>8:
	raise Value Error
	sow.col = dimed (more, 3)
	if board [row] [col] == "":
	scturn you, col
	dse:
	else:  print ("Cell abready taken, try again")
	exicat Value Exxor:
	print ("Invalid input")
	·
	det computer - more (board):
	for more in get-available moves (board).
	board more of more (1)
	if check-winner (board) == "0":
	veturn more
	board [more [a]] [more [i]] = ""
	1 1)-
	for more in get-available_moves (board):  board (move (0]) [move (1]] = "X"
	board (move (0]) (move (1)) = X
	if check-winner (board) == "X":
	board (more [0]) [more [1]] = "0"
	return more
	board [move [0]) [move [i]] = ""
E STANKE	return random choice (get available moves (board)
	det main ():
	board = [[" " for _ in range (3)] for _ in range [3]]
	THE THE THE THE
	and the computer is "O".")
	while True:
, ,	print board (board)
	Now, col = human - more (board)

	bourd [row][col] = "X"
	it check winner (board) == "x".
	print-board (bound)
	print ("Congratulations! You win!")
	break
	it is - board - full (board):
	print-board (board)
	print ("It is a tie!")
	break
	print ("Computer 's turni")
	8.04 col = computer - more (board)
	board [rew][col] = "0"
	if check-winner (board) == "O":
	print-board (board)
	print ("(onputer wins!")
	break
	if is -board - full (board):
	print-beard (board)
	print ("It's a tie")
_	break
To w	
Mall	if _name _ == " - main - ":
	main()
-	<b>\</b>
0/1	A CONTRACTOR OF THE CONTRACTOR

