Hay Mitter 100/11/20 18M1868006 Al (Lab Test) 1) Implement 2 agent tic-ter toe algorithm Program Algorithm: tration main (): poard = [, tor - in south (10)] white solotoll (booked): chisplany Board () while board is not full: 11 Agent 1 (X) more= makeMore (& &), board (moved = 'x' it is Winner Clooded, 'x'd: print "Agent wins 11 Agent 2 (0) more=makenore (>), board[more]='0' if is winner (board, 'O'): print "Agent 2 wins bsear it not move or board is full: point "The game" of function make Move (): possible Moves = [i for i in range(1,10) [' == Cispersod +i opponent = 'x' it char == '0' else '0' 11 Check if oppicen win for i in possible moves: for char in l'o', xi poosy copy = pooxy. copy board lopy a (i) = comes char ix is wimer (booxdlopg, chard: more = i , bor borner return more (

Ajay Mitter 10/11/20 18K18C2006 Al Las Test 1 import random 11 Corners o comessopen = 17 for i in possible Moves: comersoper append (i) if corness Open: return random. Sample (corners Open, 1) 11 (enter it I in possible Moves: return 5 11 Edges edges Open = 17 for i'm possible Movesi if i in [2, 4, 6, 87: edges Open append (i) is edges Open: return random sample ledger pen 1710 return move todion spinor today was