Lab-9 Finding Optimal Questio in Tic-Tuc-Toe using MiniMax Algorithm in game Theory function findBest Move ( board): hest Home = NVLL 311 Address for each more in board: if arovert more in better than best More bestlone = avoient more noturn but Hone Min Mare: function MinMar ( borned , depth; is Maximizing Mayor): if corrent board thate is a terminal state: return value of the board if is Maximizing Player: !

best Val = - INFINITY for each more in board: I value = minimax (board, depth +1, false) hestral - max (best val, value) return best val bestval = + INFINITY for each more in board: value = minnan C board, depth + 1, true) bestval = min (bestval, value) greturn best Val

DATE: Checking for Grane Over 1 state: function is Moved eff (board): for each cell in board: 11 to a sife current cell is empty. geturn brue 14 section falle or overe in agent more 0) watern buttleve 0 3 0 0.0 0 XIO and which Carlor. 201-12 John