Ex. no [Stratification samming successions] [skolw[0][0], skolw[1][], skolw[2][0]] Date Aim Lagge shows thing show to the same groblem TO implement MINIMAX Algorithm. wring pythonic reguly willing Toping to Polymen Thus Source code from math import ing as infinity from rundom importatione amos of import plathorm: socials) and a Travelses import time (shell) who pagames leb from os import system HUMAN EST BLAKER THURS IN WORK & LOW board = [" starsmune ni lle : y sofi COMP = +1 [0,0,0], (Ex. (2) Langgo alle all neith [0,0,0], [0,0,0], (800) svam billov 265 encliate (states fine in Egint 3) is wins (state, compres noutles elig wins (state, human); Score =+1 : (y.x) suam stilov di else Scorpe Dug = EDJENJ. bruen Freburn score wer mouded des wins (state, player): win- state=[00.48] xiaminary 8000 [3late[0][0] state [0][1] state [0][2], [state [1][0] & Sate[1][1] & Sate[1][2]] [skale[2][0], skale[2][1], skale[2][2]], [state[0][0], state[1][0], state[2][0]] [skale[0][i], skale[i][i], skale[2][i]]

[state[0][2], state[1][2], state[2][2]], [state [0][0]. state[1][1], state[2][2]] gatee : [skale[2][0], state[1][], state[0[2], miA is [Player, player, player] in wing state in relian True alos este cole else Grem mark import ingold newlord del game-over (skate) in malanur mary reluin wirs (state, HUMAN) or wirs (state, corp. des empty-cells (state): and something modepto troigini 20 mosto for x, now in enumerate (state); for y, cell in enumerate (row) mode is all:-0: cells append ([x,y]). [0,0,0] [0,0,0], Jelurn all deb valid_move (x,y): ib[x,y] in empty cells (both d). it wins (state, consumer norther else: 17= 28208 roturn False, water sina file del set_move (x, y, player) is valid move (x,y): board[x][y]: player February July mender else return False Substitute Jeb det minimax (state, depth, player): [[] [O] estigs byogher stoggod b; Es Joseph] [[CC][] War best ? [] +; - in bihily last.] [Kade Pajos, Kale Pajos. & Leges ado [FED TELESTON but F. Total T. 4 infinity 7 8] CHECO STORE TO DO DONE COLO CONSTRUCTION

ib depth= 20 or game-over (states: Score: evaluate (state) Illur [-1,-1, score] bor cell in empty-cells (state): en and series of the collection of a contraction of the contraction of skale[x][y]: player Score: minimax (state, depth -1, - glayer) state [x][y] = 0 March Score Beore (0); Beore (1) = x, y of a label of moulaite quitheplayer seconpinu sub sou a - Large Single Score [2] Lead of Figure 12 is the second of the second o Second was start many of the color of the color prise with best = score return best 4-Chillent Fire Chiladors 15 Mars de Chanci. Some sand was wiv-j AUNTUA | → Initial board: bas 583 $0 \mid X \mid$ 6.F. Jugali Board after PLAYER_X's best move: $x \mid 0$ Result

Thus minman algorithm is executed and output is utrified