PRANAV JAGADEESH COMPUTER SCIENCE ENGINEERING ARTIFICIAL INTELLIGENCE 1BM18CS071 LAB EXAM 1 5 TH SEM B' SECTION 13 11 2020 Computer VS Computer Tic Tae Tol Algorithm: 20CS5PCAIP BATCH B2 function main () board [ 1 for - in range (10)) dieplay board () while board is not full: // Agent(x) m'oue = make More (), board [mone ] = 'X' if in Winner (board; (x'):

print "Agent | wins" mone = make Mone (), board [mone] = 10) if is Wirmer (board, 'O'): print " Agent 2 mins" If not more or board is full:

prent "Tile game" function makemene () paridele mouer = [ i forin range (1,10) if board[i] == 1.) ] // sheek if w/off can min for i in panible moner! for char in ["0", "x") board ropy = board. copy () board copy [i] = char y is Winner Eboard Copy. char): more = 1 retuen more

Pan

COMPUTER SCIENCE ENGINEERING ARTIFICIAL INTELLIGENCE PRANAV JAGADEESH IBM18CS071 13/11/2020 LAB EXAM 1 5 TH SEM 'B' SECTION 20CS 5 PC AIP BATCH B2 import handom // corners for i in passible mones: ig in [1,3,7,9); corner open append (i) if where ofen: extrem random sample Comers (pen ()) 1. Center if jin pouchte moner. 11 Edges edges Open = [] for i in possible Mous: return 5 Edges Open = ()

for i in possible Morces:

if i in (2, 4, 6,8):

edger Open:

edger Open:

reundom sample (edger Open())

return morce