Nulush Gangebadhyay IBHISCSOS 8 5th - B

Q Implement Ti'c - Tac - Toe Using 2-agent algorithm (compute Vs computer)

So, hence were can our that the automatic implumentation of Tic-Tae-toe can notice your problem

So, have we can do ut with using the random only

refer to a second of the secon import mumpy as up umpet random from hime import slup

# To crustes the empty board dy erede board Ct.

return (mp. roway ([0,0,0]) 10,0,01 [0,0,0]]))

ody upo esiblisher (board):

1=17

for J'in range (lun (board)): for j'in range ( lin ( board)):

16 poord (1)(1) == 0 1. cappen ((15/1))

rehun (1)

Mule

New Gangapadhyay

# to select the trandom figure only.

def random-fire (board, pleyor):

Schoon= possibilities (board)

count-loc=random. choice (scholon)

board [ current - loc]= fleyor

Tehrin (board)

# who check is the player has their merk on the horizontal row dy now win (beard, player):

for it in range ( lin(board ));

win = True

for y in range (lin choold)):

if board (x,y] ] = fleger:

win = False

contract

of win == True:

gehuen (win)

def colon (board), player):

for x in range (lun(board)):

win = True

for y in range [ len (board)]:

If board [y)[x] ] = player

win = false

continue (D)

Nule

rehun (win)

# To chick whithe the cliagonal rain or not dy cliage win ( board, player):
win = True

For x in range (un (board)):

If board [XIX] L = frague:

win = false

y win: nehun win win = the

If win:
for xin range (lin(6000)):

y = lin(60000)-1-x

If 60000 [Xy)! = player.

win = False

then win

# do evalual when the is a winner of a bre

def evaluale (board):

winner = 0

for player in [12]:

16 (row-win (hoad, player)

pant ("board afte" + Str (coup) +" mr")

Newle

forms coads

Sleep (1)

Counts += 1

Winner = evaluate (board)

If winner 1 = 0:

break

Their (winner)

point 1" bonner 18: " + Str (play-game ()))