AI - lab Test 1

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Tic-tac-Toe- & A Comp vs Comp

def play ():

display board ()

flag = 1

unite (jlag):0

algo Play ("X", "D") // X- Atgent 1 0- Agent 2

display bo and ()

if checkwin ("Afgrent") == 1:

profile Agent win

print ("Agent 2 Playing")

algoPlay ("O","X")

displayboard ()

if checkwin ["Agent 2"] == 0:

and rock tolk by

1/m=0

else

1/ lag = 0

1

Out IN

def also Play (x, y):

n=also Wh(x)

1 to Stop propert

n=stop Player (y)

n=-1:

n=also Trywin(x) // to help win

n=random Pos () //random place

board(n) = x.

del algo win (player):

I check if player has put two places in the winning position hence select the third we position to win.

def stopplayer (player):

11 chick if opportule has choosen two winning position hence select the position to block their win.

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dy algo Try win (player):

Mcheck por the positions which will help players win in sex next step atteast

def randposin:

Il select position from 0 to 8 which is empty.

dy checkwin 1) layer):

11 ohiek if player has attent attent one winning sequence.

dy displayboard ():

11 3×3 gold with player positions.