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17/11/2023
                                                         Jady &
                                                Ø 0 4
1) TicTacTae
   import random
   tic = [1, 2, 3, 4, 5, 6, 7, 8,9]
  de printBoard (board):
                                                41 516
     print (tic [0]+1+tic[1]+1+tic[2])
    print ("_ - - - -
   print (tic[3]+'1'+tic[4]+'1'+tic[5])
    print (" - --
     print (tic[6]+'1'+tic[7]+'1'+tic[8])
  def is Winner (tic, pos):
      if tic[0] == tic[4] and tic[4] == tic[8] or
             tic[2] == tic[4] and tic[4] == tic[6]:
      return Tour
     else if tic[pos#0] = = fic(pos#3) and tic[pos#3] ==tic[pos#6]:
         return True
     elle il tic[pos//3+1]=tic[pos//3+2] and tic[pos//3+2]==
                                              tic[pos/13+3]:
      retur True
    netur Falu
 def update_mer(bic):
     num = int (input ("Enter a number on the board"))
   While (numrin tic):
           tic[num-i] = '0'
        num = int(input("Enter a number on the board"))
    ticlnum-1) = = '0'
def update-complbic):
     for i in tic:
          if "! = 'x' and i! = '0';
             tic[i-1] = 'x'
               if (19Winner (tic, 1-1) == Town) 1
                    return
              elio:
                  ticli-i]=i
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for
         if i!='x' and i = '0'
        tic[i+] = '0'
              if (invioner (fic, i-1) == Fadre):
              elro
              tic (1-1) = i
     while (mardom. Hand (9) not in tic):
          nun
     num = random, rand (9)
                                                    pos = 5
      while ( nem not in tic);
           num-randem, rand (9)
      fic[num-i] == 'X'
 print Board (tic)
  court = 0
  ib court 1. 2 = =0:
point ("computer's tuen")
       update-cump (tic)
   ela if count 1.21=0:
        phint ("uers turn")
        update-wer (tic)
        Count-1 = 1
    ib court>= 5:
       if ( is winner (tic, pos) == Toure):
            print ("Winner", tic [pos-1])
Output:
 1/2/3
   5 6
  7 8 9
  1 10 13
                    10 13
  x 819
   × 10 13
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1	2	3
4	5	6
7	8	9
computer's	turn :	
1	2	3
4	5	6
х	8	9
four turn :		board
1	0	3
4	5	6
x	8	9

1	0	3
4	   5	х
X	8	9
Your turn		e board :5
1	   0 	3
4	0	х
X	8	9
computer's	turn :	
1	0	3
4	   0	х
   X	   X	9

enter a number on the board :9

1 1	0	3
4	0	x
x	х	0
computer's	turn :	+
x	0	3
4	0	x
x	х	0
Your turn : enter a num		e board :4
x	0	3
	0	x
x	Х	0

