The team principles

(E) ROBBOA MI TO

May en in win.

was a link of

it weite an algorithm

Agr 1 - Great a 20 array

5tg 2: 20 away = 3x3 and initializing empty spaces '-'

(reate 3 grows a 3 different lists [C J, EJ, CJ]

[ [ - , - , - ]

[-,-,-]

[-,-,-]

The first more will always have X as start.

Display the board:

def point-board (board):

for suow in board:

prhot ('1'. john crow))

posent ('-') for empty spaces.

Check for a winner

=> 8 possibilités (2 rows, 3 col, 3 diagonals)

def check - winner (board):

for i in range (3):

if board (a) (o) == board [i) (i) == board (i) (2) ]="

noturn board (i) [0]

Semilarly check for Gol & diag

Step 5 > Player more: - The player should evolu a cot induce to make def plaga - mon (board): if 6dard [row][col]="-"; board [ grows [ col ] 2 "x" Value OE in the little of the little else print ("Try agah."); Cart 3 to 1 ( Tar) los 6 mon E to 1 ( Tar) Step 6: Compréte no ne: i) Check for wirning mone for in sange (3): for j in range (3);

if board(i) (j) = 2'-1 justs the war test at board [i] [j] == 'O'; il Check winner (board) == '0'; i hand in out in peck a roundom more & such that -> 96 no wirning more. Player cont wir. Charaged L. Asil. House Chellisting ( breezed ) was in the state of The bound of the bound of the bound of (1) James Williams 

import random del pour board (board): for now in board: privat ("1"- joen (now)) perent ("\_" + 9) de check-winner (board): for i in range (3): if board (i) (6) === seturn board il board [0] [i] == sectures board if board (o) (o) == board acturn board [ if board (o) (2) = z ba geturn bon setur None def is-full (board): geturn all ( Cell! = ' det fund-winning\_ to in range (3 for s in ra

if board

```
simport random
del pour board (board):
    for now in board:
                                  pulset ("1". John (now))
    pulmit ("_" * 9)
    check-winner (board):
  for i in mange (3):
      if board (i) (o) = = board (i) (i) = = board (i) (a) ! = ":
        setwin board Miles
                                       if board CoJ CiJ == board CiJ CiJ == board CoJ CiJ 1.=";

paturn board CoJ CiJ
         posturn board [6] [7]
                                    · CAMMANA III MANA TO
  if board (0)(0) == board [1](1] = board (0)(0); ="":
      acturn board (0) (0)
 if boad (o) (o) == bard [i][i] == boad [o)[o].1.=""
         geturn bond (0) [2]
  actur None
def is-full (board):
  getwon all (cell =" "for now in board for cell in now)
 det fund-windry - more (toad, player):
      for in range (3):
        for s in rang (3);
         16 board CO GJ == "";
            bound [i] [j] == player
             if their winner (board) = = filgyer;
```

board (i) (s) =" autum vone Comment with the second of the second del get-computa-mon (board): more = find - wining - more (board, 'o') · (hered) (their Assis) i/ morre: setuen noue (1) 70 10 17 17 17 19 1 if board ([JCD]=15" !: [.DCD broad = (0) [.] broad !! (03(1) bruss ! seventer. Return (1,1) = 1 (DE3) broad = = (DE0) broad == (DE0) broad : Corners = [(0,0), (0,2), (2,0), (2,2)] bor corner en corners; if board [ come (0)] [ come (1)) 2 = " " muster for im range (3): for j in range (3) · (6) (6) hasel mail i/ boond(i)(j)==" seturn (i, j) evoll muly Lef tic-tec-toe (3) is broad or and 10 " = 19/3) ) the mater board = [[" for - in range (3)] fo-in raye (3)] Current - player = "x" Computa-playe > "0" present ("playe x gour funct.") Add to the state of the state of Charles and market about 

while True: point - board (board) if aunt- Mays = = "x": while True! now = int (Import ("Player X, order the 2000 (0-2):"))) Col = int (input ("player x, endu -the col (0-2):")))

board (sow) (col) = ="""

break

break post (" all is already taken; Tryagen") except (Value Error, Indese Error):

prent ("Irrabd input! Please enous number blow 0 & 2.") poert ("Comptu's fure.") else: now, col = get-conjutu-mone (board) post (l'Computu Chosses rav E row?, col (Ecol 3") board ( row ] Cool ] = aunt-filogu coluner = cherk-wenner (board) if without: board (boned) pohnt (f" plage & winner & coins!") 1stull (board): pert - board (board)

Carrent-player = Compa if - name == "-maln - ". tic-toc-tocc) Output: " our situations " regil " it tout of the court plays X gas first plays X, order the sou (0-2)=2 Ways X, evotu the Col (0-2):1 "meant inales deserted is the " ) the · Ported willing · (Marie and) STANK THE PARTY (i. 6 : 6 : or or or or or or or Computa's tuen: 2000 1, col=1 with (" Constant of the time of play now the sel = 2 m to prove to the for the Comparis course sens since field? 1022/ 1.501 [1.6.1] = [1.624- 1.634 5 X how = 0, col = 0 Conjute turn ilaya x now 2 6l=0