24/09	Tic-Tac-Toe
	Algorithm:
	Step 1: Initilize a variable flag to run
	a loop continuously. [199 = True
	slep 2: Create a 3 x 3 grid and instialing
	the symbol "-" as emply spaces d = [['-','-',-'],['-',-']]
-	Trolling to a Landing and Lot Like ju
	step 3: Let the user start the game and mark 'x' and the computer mark
	'D' at random empty space; player (preparably at middle)
	Step 4: checks all the win conditions and marks accordingly is e,
-	Citron & c = 1 17 [c 7 b = 2 = 1 3 1 1 0 7 b = 1 =
	Step 5: Check if the symbol 'X' is
	same column of diagonal.
	respective now, column diagonal.
7: 10	else o at random.
	Step 6: I no empty space print ("tie")
	step 7: If three "O" are present in
	same now (D) same columnia
	diagonal', print ("computer veine")

Porogram: import numby as np import random L = (["-"] 3 (pl i in range (3)) def check r(i): if d[17[0] = = d[17[1] = = d[17[2]] = -; global urn win = d (i)(0) return true return False del checke (i). if d colcil == d [1](il == d[2][il] = '-1' global urn urn = d (0) (i) setuen Trul return False. del checkd (i): global uin if d(0)(0) == d(1)(1] = 2d[27(2)]: -1 win = d(0)(0) return True if dsoles == dssles == dssles | == : urn = d[0][2] return True return False

	DatePage
def dieplay ():	
for row in d:	,
print (" " join (no	
de check ():	
1 = set (d [0] + d[1]-	123)
if "-" not in !!	
Jetus True	
198 14 15 15 1 6 1 1 B 10 17 E	
def computer move ()	
for i in range (?	
if dil. count ("o"	
count ("-") == 1	the many last
retur li, d'i	
if dril. count ("x	"1 == 2 and dri?.
count ("-") -= 1:	
· return (i, dsi)	1. index ("-"1)
My or property of all make	
tot (in range (37)	
Cal-[d. sol [i], d[1	1117, d[2][1]
if col. count ("o")== 2 and col.
count ("-") = = 1;	
ordun (col inc	les ("-"), i)
if col. count ("X"	1) == 2 and col.
count ("-") == 1"	1 1 12
vaties (coll is	rden ("-"), i)
- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	
diag 1 = Ed For For, d	827817, a 827827]
diag 2 = [dso?[2],	aczzczz, d [27[0])
Il diag 1. count ("")	1 = = 2 and diag 1.
count ("- 11 ? = = 1 :	N-17,
retur (diag 1. inden	((), diag 1. inden
	("-"))

if check d() or any (check r(i) pli in garge (3)) or any sange (2)1: print ((" (wing 1") derak'N If check (): print ("Tie") dun = "0" olf . tuen = = 0"; print ("Computer is thinking...") y = computer move () 1640764847= "0" of checked (1 or any (checker (il for i in sauge (37) or any (thecke (i) for in large ())? print (4" dais ? Wine!") deiplay Wreak. duplay il check: print ("Tie")