tragenal with these seapertive extrate TIC TAC TOE! (uses v/s computer) Algorithms and web resour with the it use no emply space lift and non of the steps - cereate a 3x3 mateix whith will give a was prompty boxes . 19 not languab Assign X to on 10 to the usesc depending on the symbol he chooses And then assign the other to the computer. Assign - to supresent empty spaces. step 2 -> If the uses stasts the next twen will be given to the computer . othis will happen till one of them win Dr till all the null spaces are filled which ocesults in a tie. & Now 91 other user starts, the Step 4 computed should place O in such a usque that it should not let the user make arrow con acolumn or a diagonal with X's Charically should not let the uses Step 5 -> if the user or the computer

cereats a know or a column og a

	Date Page
	per i in grange (3):
	100 000 00000 (3):
	is board [i][j] == mobivore Treami
	board Fill I = X, d tried let
	ij check - winner (board.) == "x":
	Toboard:[:][j] = "O"
	gratuge n' " ' INTERES
	board [][]] = ""
	board [][]: (de a normal de
	bound [][1]:20" D"ONER NI 1 FOI
": 1 & 11 , 1 1 Lye	de - [] Sietum d : = [0][7] brood ff
	FOICE I MANUAL MANUALS
· ** ** [13/5+]	(onnes 5: # [(0,0), (0,2), (2,0), (2,2)]
	grandom. Shuffle (corners)
· · · · · · · · · · · · · · · · · · ·	ip board [comment [o]] [commenta] [commenta]
S 42 12	
: : !!!	board [comes [o]] [comes [d] = "o"
	return newless
	side = [(0,1),(1,0),(1,2),(2,1)]
011-401	Lorandom. Shuffle (sides) In Mendon
at Moseel	per side in sides:
	board [side [6]] [side [1]="0"
	getien poste me ; reg ;
	" u/ . regrit bened "
	des place game () [for -ingrange (3)] for ingrange
. "	160ard = [[" 1/ pr - ingrange (3)] +01-11/29
	amint (Welcome to the tac los
	perint_boardi (board) 7 bes in

white Tome: tony "-Nison" = = . Import 9000 = int (input (" Enter 9000 (1-31:"))-1 Col = int (input (" Enter column (1-3): "))-1 if 6000] (w)] == " " board [sow] [col] = "x" paint (" cell abready taken, choose 3 : another " Be Hotel except (value Esses, Index Esser): perint (" Invalid input. Please enter numbers perint board (board) point (" You win [") 1 (board - winefull (board)! perint (" oft's a deraw 19 x 0 A O print ("Al's twin ...")
ai_move (board) 1 min IA print-board (loard) ? check-winner (board)=="0": print ("AI wins]") foreak

[; s. bodsd-full (boasd): perint ("It's a denaw !")

```
Welcome to Tic Tac Toe!
Enter row (1-3): 2
Enter column (1-3): 1
x | |
AI's turn...
  1 1
x | 0 |
Enter row (1-3): 1
Enter column (1-3): 1
x | |
x | 0 |
AI's turn...
x | |
x | 0 |
0 |
```

```
Enter row (1-3): 1
Enter column (1-3): 3
x | 0 |
0 | |
AI's turn...
x \mid o \mid x
x | 0 |
0 | |
Enter row (1-3): 3
Enter column (1-3): 2
x \mid o \mid x
x | 0 |
0 | X |
AI's turn...
x \mid o \mid x
x | 0 |
0 | X | 0
Enter row (1-3): 2
Enter column (1-3): 3
x \mid o \mid x
x \mid o \mid x
0 | X | 0
It's a draw!
```

```
Enter row (1-3): 1
Enter column (1-3): 2
X \mid X \mid
 0 |
AI's turn...
X \mid X \mid 0
 0 |
Enter row (1-3): 1
Enter column (1-3): 2
Cell already taken, choose another.
Enter row (1-3): 3
Enter column (1-3): 1
X \mid X \mid O
 0 |
X | |
AI's turn...
X \mid X \mid 0
0 | 0 |
x | |
Enter row (1-3): 3
Enter column (1-3): 2
X \mid X \mid 0
0 | 0 |
X \mid X \mid
AI's turn...
X \mid X \mid 0
0 | 0 | 0
X \mid X \mid
AI wins!
```