Start coding or generate with AI.

```
#TIC TAC TOE
#HOW TO PLAY
     #1.RUN THE PYTHON SCRIPT.
     #2.NUMBER OF PLAYERS:2
     #3.GAMEBOARD:3×3 GRID,WITH 9 SQUARES.
     #4.ENTER YOUR CHOICE.
#GAME INSTRUCTIONS:
     #1.PLAYER X MAKES THE FIRST MOVE,ENTERING A NUMBER (1-9) CORRESPONDING TO THE SPACE ON THE BOARD.
     #2.PLAYER O MAKES THEIR MOVE BY ENTERING A NUMBER (1-9).
     #3.PLAYERS ALTERNATE MOVE.
     #4.ENTER A VALID MOVE (1-9) TO PLACE YOUR SYMBOL (X OR O) ON THE BOARD.
     #5.IF A PLAYER WINS,THE GAME ANNOUNCES THE WINNER AND ENDS.
     #6.IF ALL SPACES ARE FILLED AND NO PLAYERS WINS,THE GAME IS A DRAW.


# Tic Tac Toe game in python

board = [''for _ in range(9)]

def print_board():
  row1 = '|{}|{}|{}|'.format(board[0],board[1],board[2])
  row2 = '|{}|{}|{}|'.format(board[3],board[4],board[5])
  row3 = '|{}|{}|{}|'.format(board[6],board[7],board[8])

  print()
  print(row1)
  print(row2)
  print(row3)
  print()

def check_win():
  win_conditions = [(0,1,2),(3,4,5),(6,7,8),(0,3,6),(1,4,7),(2,5,8),(0,4,8),(2,4,6)]
  for condition in win_conditions:
    if board[condition[0]] == 2
    board[condition[1]] == board[condition[2]] !='':
      return True
      return False

def check_draw():
  return''not in board

def play_game():
  current_player = 'X'
  while True:
    print_board()
    move = input("Player{},enter your move (1-9):".format(current_player))
    if board[int(move)-1] == '':
      board[int(move)-1] =current_player
      if check_win():
        print_board()
        print("Player{}wins!Congragulations!".format(current_player))
        break
      elif check_draw():
        print_board()
        print("It's a draw!")
        break
      current_player = 'O' if current_player == "X" else "X"
    else:
      print("Invalid move,try again.")

play_game()
```

```
    ||||
    ||||
    ||||

    PlayerX,enter your move (1-9):1

    |X|||
    ||||
```

```
||||

PlayerO,enter your move (1-9):3

|X||O|
||||
||||

PlayerX,enter your move (1-9):6

|X||O|
|||X|
||||

PlayerO,enter your move (1-9):8

|X||O|
|||X|
||O||

PlayerX,enter your move (1-9):9

|X||O|
|||X|
||O|X|

PlayerO,enter your move (1-9):5

|X||O|
||O|X|
||O|X|

PlayerX,enter your move (1-9):4

|X||O|
|X|O|X|
||O|X|

PlayerO,enter your move (1-9):7

|X||O|
|X|O|X|
|O|O|X|

PlayerOwins!Congragulations!
```