```python
#A68; assignment-3
# Set up the game board as a list
board = ["-", "-", "-",
         "-", "-", "-",
         "-", "-", "-"]


# Define a function to print the game board
def print_board():
        print(board[0] + " | " + board[1] + " | " + board[2])
        print(board[3] + " | " + board[4] + " | " + board[5])
        print(board[6] + " | " + board[7] + " | " + board[8])


# Define a function to handle a player's turn
def take_turn(player):
        print(player + "'s turn.")
        position = input("Choose a position from 1-9: ")
        while position not in ["1", "2", "3", "4", "5", "6", "7", "8", "9"]:
                position = input("Invalid input. Choose a position from 1-9: ")
        position = int(position) - 1
        while board[position] != "-":
                position = int(input("Position already taken. Choose a different position:
        board[position] = player
        print_board()


# Define a function to check if the game is over
def check_game_over():
        # Check for a win
        if (board[0] == board[1] == board[2] != "-") or \
        (board[3] == board[4] == board[5] != "-") or \
        (board[6] == board[7] == board[8] != "-") or \
        (board[0] == board[3] == board[6] != "-") or \
        (board[1] == board[4] == board[7] != "-") or \
        (board[2] == board[5] == board[8] != "-") or \
        (board[0] == board[4] == board[8] != "-") or \
        (board[2] == board[4] == board[6] != "-"):
                return "win"
        # Check for a tie
        elif "-" not in board:
                return "tie"
        # Game is not over
        else:
                return "play"


# Define the main game loop
def play_game():
        print_board()
        current_player = "X"
        game_over = False
        while not game_over:
                take_turn(current_player)
                game_result = check_game_over()
                if game_result == "win":
                        print(current_player + " wins!")
                        game_over = True
                elif game_result == "tie":
                        print("It's a tie!")
                        game_over = True
                else:
                        # Switch to the other player
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                    current_player = "O" if current_player == "X" else "X"

    # Start the game
    play_game()
                    - | - | -
                    - | - | -
                    - | - | -
                    X's turn.
                    Choose a position from 1-9: 1
                    X | - | -
                    - | - | -
                    - | - | -
                    O's turn.
                    Choose a position from 1-9: 4
                    X | - | -
                    O | - | -
                    - | - | -
                    X's turn.
                    Choose a position from 1-9: 2
                    X | X | -
                    O | - | -
                    - | - | -
                    O's turn.
                    Choose a position from 1-9: 6
                    X | X | -
                    O | - | O
                    - | - | -
                    X's turn.
                    Choose a position from 1-9: 3
                    X | X | X
                    O | - | O
                    - | - | -
                    X wins!
    In [ ]:
```