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board = list(range(1,10))

def draw_board(board):
    print ("-" * 13)
    for i in range(3):
        print ("|", board[0+i*3], "|", board[1+i*3], "|", board[2+i*3],
              "|")
        print ("-" * 13)

def take_input(player_token):
    valid = False
    while not valid:
        player_answer = input("Введите номер клетки для хода, от 1 до 9: ")
        if player_answer.isdigit():
            player_answer = int(player_answer)
        else:
            print ("Некорректный ввод. Пожалуйста, введите номер от 1 до 9.")
            continue
        if player_answer >= 1 and player_answer <= 9:
            if (str(board[player_answer-1]) not in "XO"):
                board[player_answer-1] = player_token
                valid = True
            else:
                print ("Эта клетка уже занята.")
        else:
            print ("Некорректный ввод. Введите номер от 1 до 9.")

def check_win(board):
    win_coord = (
        (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 each in win_coord:
        if board[each[0]] == board[each[1]] == board[each[2]]:
            return board[each[0]]
    return False

def main(board):
    counter = 0
    win = False
    while not win:
        draw_board(board)
        if counter % 2 == 0:
            take_input("X")
        else:
            take_input("O")
        counter += 1
        if counter > 4:
            tmp = check_win(board)
            if tmp:
                print (tmp, " выиграл!")
                win = True
                break

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        if counter == 9:
            print ("PќPёC†CЃCЇ!")
            break
    draw_board(board)

main(board)
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