

```

def print_board(board):
    for row in board:
        print(" | ".join(row))
        print("-" * 9)

def check_winner(board):
    for i in range(3):
        if board[i][0] == board[i][1] == board[i][2] != '-':
            return board[i][0]
        if board[0][i] == board[1][i] == board[2][i] != '-':
            return board[0][i]
    if board[0][0] == board[1][1] == board[2][2] != '-':
        return board[0][0]
    if board[0][2] == board[1][1] == board[2][0] != '-':
        return board[0][2]
    return None

def is_board_full(board):
    return all(cell != '-' for row in board for cell in row)

def play_game():
    board = [['-' for i in range(3)] for j in range(3)]
    current_player = 'X'
    player_names = {'X': 'User1', 'O': 'User2'}
    while True:
        print_board(board)
        print(f"{player_names[current_player]}'s turn (mark: {current_player})")
        row = input("Enter the row (0-2): ")
        col = input("Enter the column (0-2): ")

```

```
if not (row.isdigit() and col.isdigit()):
    print("Invalid input. Please enter numbers between 0 and 2.")
    continue
row = int(row)
col = int(col)
if 0 <= row < 3 and 0 <= col < 3:
    if board[row][col] == '-':
        board[row][col] = current_player
    else:
        print("Cell already taken. Try again.")
winner = check_winner(board)
if winner:
    print_board(board)
    print(player_names[winner] + "wins!")
    break
if is_board_full(board):
    print_board(board)
    print("It's a draw!")
    break
current_player = 'O' if current_player == 'X' else 'X'
else:
    print("Invalid input. Please enter numbers between 0 and 2.")
play_game()
```

```
- | - | -
-----
- | - | -
-----
- | - | -
-----

User1's turn (mark: X)
Enter the row (0-2): 0
Enter the column (0-2): 0
X | - | -
-----
- | - | -
-----
- | - | -
-----

User2's turn (mark: O)
Enter the row (0-2): 0
Enter the column (0-2): 1
X | O | -
-----
- | - | -
-----
- | - | -
-----

User1's turn (mark: X)
Enter the row (0-2): 0
Enter the column (0-2): 2
X | O | X
-----
- | - | -
-----
- | - | -
-----

User2's turn (mark: O)
Enter the row (0-2): 1
Enter the column (0-2): 1
X | O | X
-----
- | O | -
-----
- | - | -
-----

User1's turn (mark: X)
Enter the row (0-2): 1
Enter the column (0-2): 0
X | O | X
-----
X | O | -
-----
- | - | -
-----

User2's turn (mark: O)
Enter the row (0-2): 2
Enter the column (0-2): 1
X | O | X
-----
X | O | -
-----
- | O | -
-----

User2wins!
```

```
- | - | -  
-----  
- | - | -  
-----  
- | - | -  
-----
```

User1's turn (mark: X)

Enter the row (0-2): 3

Enter the column (0-2): 3

Invalid input. Please enter numbers between 0 and 2.

```

- | - | -
- | - | -
-----
- | - | -
-----
User1's turn (mark: X)
Enter the row (0-2): 0
Enter the column (0-2): 1
- | X | -
-----
- | - | -
-----
- | - | -
-----
User2's turn (mark: O)
Enter the row (0-2): 0
Enter the column (0-2): 0
O | X | -
-----
- | - | -
-----
- | - | -
-----
User1's turn (mark: X)
Enter the row (0-2): 1
Enter the column (0-2): 1
O | X | -
-----
- | X | -
-----
- | - | -
-----
User2's turn (mark: O)
Enter the row (0-2): 2
Enter the column (0-2): 1
O | X | -
-----
- | X | -
-----
- | O | -
-----
User1's turn (mark: X)
Enter the row (0-2): 2
Enter the column (0-2): 0
O | X | -
-----
- | X | -
-----
X | O | -
-----
User2's turn (mark: O)
Enter the row (0-2): 0
Enter the column (0-2): 2
O | X | O
-----
- | X | -
-----
X | O | -
-----
User1's turn (mark: X)
Enter the row (0-2): 2
Enter the column (0-2): 2
O | X | O
-----
- | X | -
-----
X | O | X
-----
User2's turn (mark: O)
Enter the row (0-2): 1
Enter the column (0-2): 0
O | X | O
-----
O | X | -
-----
X | O | X
-----
User1's turn (mark: X)
Enter the row (0-2): 1
Enter the column (0-2): 1
Cell already taken. Try again.
O | X | O
-----
O | X | -
-----
X | O | X
-----
User2's turn (mark: O)
Enter the row (0-2): 1
Enter the column (0-2): 2
O | X | O
-----
O | X | O
-----
X | O | X
-----
It's a draw!

```

```
o | x | o
```

```
-----
```

```
o | x | -
```

```
-----
```

```
x | o | x
```

```
-----
```

User1's turn (mark: X)

Enter the row (0-2): 1

Enter the column (0-2): 1

Cell already taken. Try again.