ANDROID APPLICATION TIC-TAC-TOE

BY

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Java code:

```
protected void onCreate(Bundle savedInstanceState) {
```

```
turn = 'X';
for(int i = 0; i< grid_size; i++) {
    for(int j = 0; j< grid_size; j++) {
        my_board[i][j] = ' ';
}</pre>
      boolean boardFull = true;
                          boardFull = false;
protected boolean check Diagonal(char player){
      int count_Equal1 = 0, count_Equal2 = 0;
for(int i = 0; i < grid_size; i++)</pre>
             if (my board[i][i]==player)
```

```
count Equal2++;
        if (my board[i][c] == player)
View.OnClickListener Move(final int r, final int c, final TextView tv) {
```

```
public boolean onCreateOptionsMenu(Menu menu) {
public boolean onOptionsItemSelected(MenuItem item) {
```

XML Code:

```
<?xml version="1.0"?>

<LinearLayout tools:context=".MainActivity"
    android:paddingBottom="@dimen/activity_vertical_margin"
    android:paddingTop="@dimen/activity_vertical_margin"
    android:paddingRight="@dimen/activity_horizontal_margin"
    android:orientation="vertical"
    android:paddingLeft="@dimen/activity_horizontal_margin"
    android:layout_height="match_parent"
    android:layout_width="match_parent"
    xmlns:tools="http://schemas.android.com/tools"
    xmlns:android="http://schemas.android.com/apk/res/android">
```

```
<TableLayout
     <TextView
        <TextView
```

```
android:id="@+id/row2"
                <TextView
            </TableRow>
       </TableLayout>
</LinearLayout>
```

Output:



