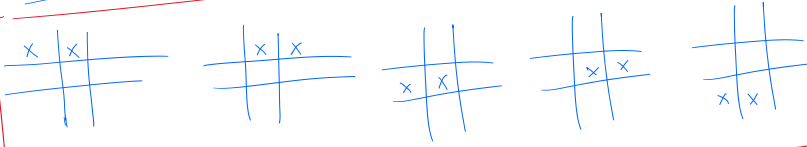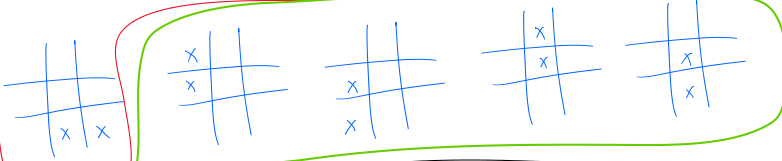# Tic Tac toe analysis

AI analysis

Cases

$\Rightarrow$
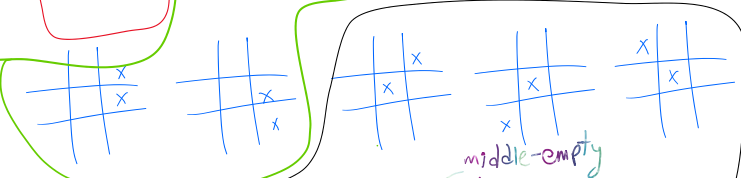```
for i in range(3):
    for j in range(2):
        if inputarray[i][j] == inputarray[i][j+1]:
```

$\Rightarrow$
```
for i in range(2):
    for j in range(3):
        if inputarray[i][j] == inputarray[i+1][j]
```

middle-empty

$\Rightarrow$

$$if (inputarray[0][0] == input array[1][1])$$
inputarray[0][2]            //
inputarray[2][0]            //
inputarray[2][2]            //

if inputarray[0][0] == inputarray[0][2]
                                    inputarray[2][0]

if inputarray[2][2] == inputarray[0][2]
                                    inputarray[2][0]
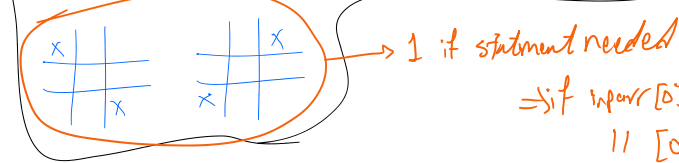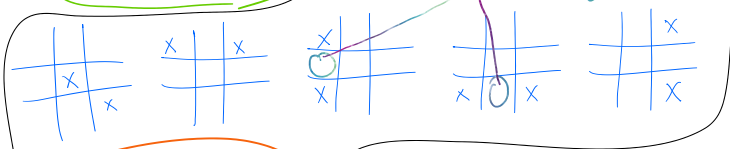
$\rightarrow$ 1 if statement needed

$\Rightarrow$ if inparr[0][0] == inparr[2][2] or
    // [0][2] == // [2][0]

✱ Total Cases: 22