

Bug /After fix::

```
if(playNode.checkWinner()==1):  
    print('You are the winner')  
    break  
if(playNode.checkWinner()==0):  
    print('Draw')  
    break
```

```
if(playNode.checkWinner()==2):  
    print('You are the winner')  
    break  
if(playNode.checkWinner()==0):  
    print('Draw')  
    break
```

The same function returning a different number of values:

```
def alpha_beta_search(node):  
    alpha=-99999  
    beta =+99999  
  
    if(node.terminalTest()):  
        return node.utility()  
  
    v=-99999  
    childrenList=node.makeChildren(1)  
    childValues=[]  
    for child in childrenList:  
        valueFromChild=min_node_function(child,alpha,beta)  
        childValues.append(valueFromChild)  
  
        v=max(v,valueFromChild)  
        # if(v>=beta):  
        #     return v  
        alpha=max(alpha,v)  
  
    return childrenList,childValues
```

These are the moves for which you win (tried in class and crashed): (0,0), (2,1), (2,0), (2,2)

These are your moves for which the AI agent wins(0,1), (2,2), (1,2)

P.S: Better heuristic/utility function will generate better results and increase the winning chances of the Agent