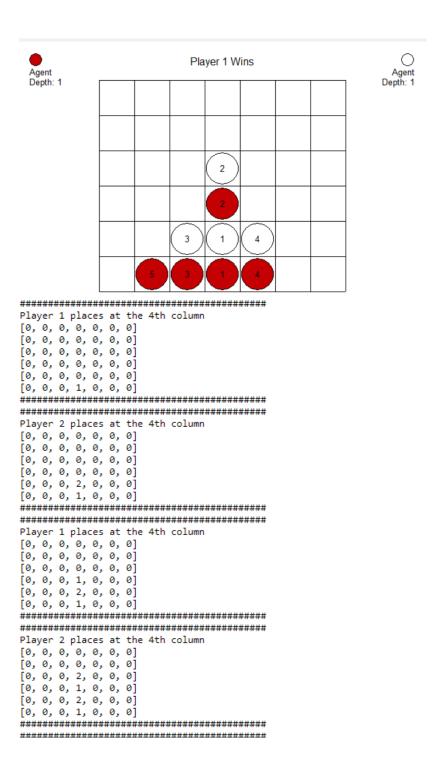
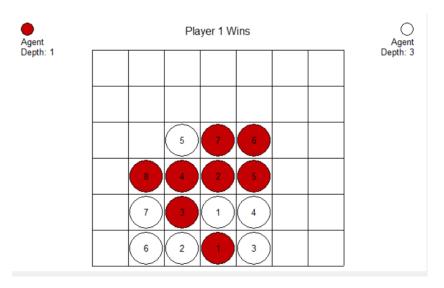
Agent vs Agent Minimax - Depth = 1 vs 1

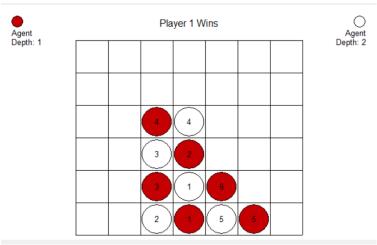


Agent vs Agent Alpha-Beta Pruning - Depth = 2 vs 3



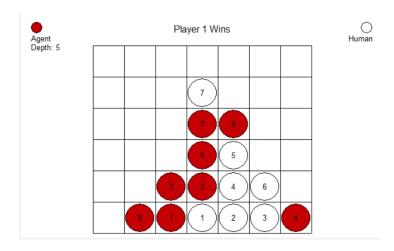
```
Player 1 places at the 4th column
[0, 0, 0, 0, 0, 0, 0]
[0, 0, 0, 0, 0, 0, 0]
[0, 0, 0, 0, 0, 0, 0]
[0, 0, 0, 1, 0, 0, 0]
[0, 0, 1, 1, 2, 0, 0]
[0, 1, 2, 2, 2, 1, 0]
Player 2 places at the 4th column
[0, 0, 0, 0, 0, 0, 0]
[0, 0, 0, 0, 0, 0, 0]
[0, 0, 0, 2, 0, 0, 0]
[0, 0, 0, 1, 0, 0, 0]
[0, 0, 1, 1, 2, 0, 0]
[0, 1, 2, 2, 2, 1, 0]
Player 1 places at the 2nd column
[0, 0, 0, 0, 0, 0, 0]
[0, 0, 0, 0, 0, 0, 0]
[0, 0, 0, 2, 0, 0, 0]
[0, 0, 0, 1, 0, 0, 0]
[0, 1, 1, 1, 2, 0, 0]
[0, 1, 2, 2, 2, 1, 0]
Player 2 places at the 5th column
[0, 0, 0, 0, 0, 0, 0]
[0, 0, 0, 0, 0, 0, 0]
[0, 0, 0, 2, 0, 0, 0]
[0, 0, 0, 1, 2, 0, 0]
[0, 1, 1, 1, 2, 0, 0]
[0, 1, 2, 2, 2, 1, 0]
Player 1 places at the 5th column
[0, 0, 0, 0, 0, 0, 0]
[0, 0, 0, 0, 0, 0, 0]
[0, 0, 0, 2, 1, 0, 0]
[0, 0, 0, 1, 2, 0, 0]
[0, 1, 1, 1, 2, 0, 0]
[0, 1, 2, 2, 2, 1, 0]
Player 1 wins.
```

Agent vs Agent Expectimax - Depth = 1 vs 2

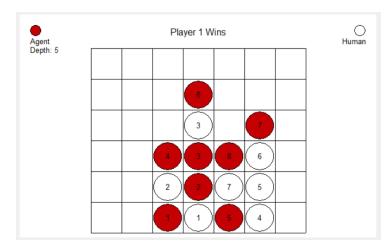


```
______
*************************************
Player 1 places at the 3rd column
[0, 0, 0, 0, 0, 0, 0]
[0, 0, 0, 0, 0, 0, 0]
[0, 0, 1, 0, 0, 0, 0]
[0, 0, 2, 1, 0, 0, 0]
[0, 0, 1, 2, 0, 0, 0]
[0, 0, 2, 1, 0, 0, 0]
*************************************
Player 2 places at the 4th column
[0, 0, 0, 0, 0, 0, 0]
[0, 0, 0, 0, 0, 0, 0]
[0, 0, 1, 2, 0, 0, 0]
[0, 0, 2, 1, 0, 0, 0]
[0, 0, 1, 2, 0, 0, 0]
[0, 0, 2, 1, 0, 0, 0]
*************************************
Player 1 places at the 6th column
[0, 0, 0, 0, 0, 0, 0]
[0, 0, 0, 0, 0, 0, 0]
[0, 0, 1, 2, 0, 0, 0]
[0, 0, 2, 1, 0, 0, 0]
[0, 0, 1, 2, 0, 0, 0]
[0, 0, 2, 1, 0, 1, 0]
Player 2 places at the 5th column
[0, 0, 0, 0, 0, 0, 0]
[0, 0, 0, 0, 0, 0, 0]
[0, 0, 1, 2, 0, 0, 0]
[0, 0, 2, 1, 0, 0, 0]
[0, 0, 1, 2, 0, 0, 0]
[0, 0, 2, 1, 2, 1, 0]
Player 1 places at the 5th column
[0, 0, 0, 0, 0, 0, 0]
[0, 0, 0, 0, 0, 0, 0]
[0, 0, 1, 2, 0, 0, 0]
[0, 0, 2, 1, 0, 0, 0]
[0, 0, 1, 2, 1, 0, 0]
[0, 0, 2, 1, 2, 1, 0]
```

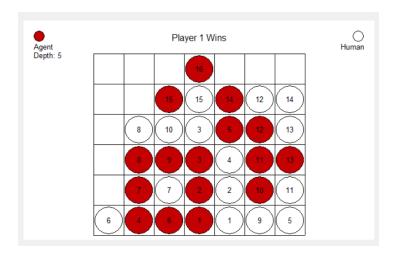
Agent (Depth 5) vs Human minimax



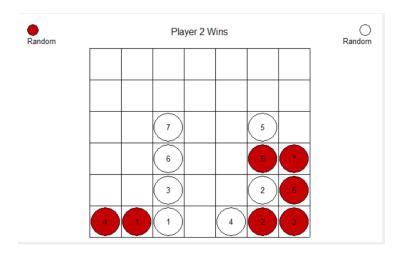
Agent (Depth 5) vs Human Alpha Beta Pruning



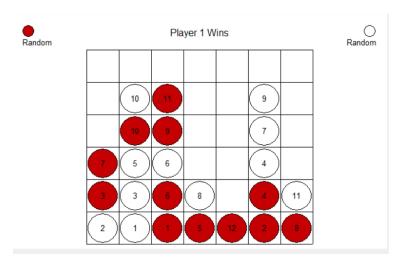
Agent (Depth 5) vs Human Expectimax



Random vs Random minimax



Random vs Random Alpha beta pruning



Random vs Random Expectimax

