

## LAB-1

\* Tic-Tac-Toe implementation using Python

→ Pseudocode

Function minimax (node, depth, is Maximizing Player)

if node is a terminal state:

return evaluate (node)

if is Maximizing Player:

bestValue = -inf

for each child in node:

Value = minimax (child, depth, false)

bestValue = max (bestValue, value)

return bestValue

else :

bestValue = +inf

for each child in node:

Value = minimax (child, depth, true)

bestValue = min (bestValue, value)

return bestValue

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