**EX.NO: 4**

**DATE:**

**MINIMAX ALGORITHM**

* A simple example can be used to explain how the minimax algorithm works. We've included an example of a game-tree below, which represents a two-player game.
* There are two players in this scenario, one named Maximizer and the other named Minimizer.
* Maximizer will strive for the highest possible score, while Minimizer will strive for the lowest possible score.
* Because this algorithm uses DFS, we must go all the way through the leaves to reach the terminal nodes in this game-tree.
* The terminal values are given at the terminal node, so we'll compare them and retrace the tree till we reach the original state.



**AIM :**

To implementMINIMAX Algorithm problem using Python.

**CODE :**



**OUTPUT:**



**RESULT :**

**thus the output is successfully executed and output is verified**