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## Min-Maxalgorithm

Min-Max algorithm?

backtracking algo which is used in dicision making & game theory.

Disper agguming that apponent is also

- Min Max alga uses recovision to search through the game-tree

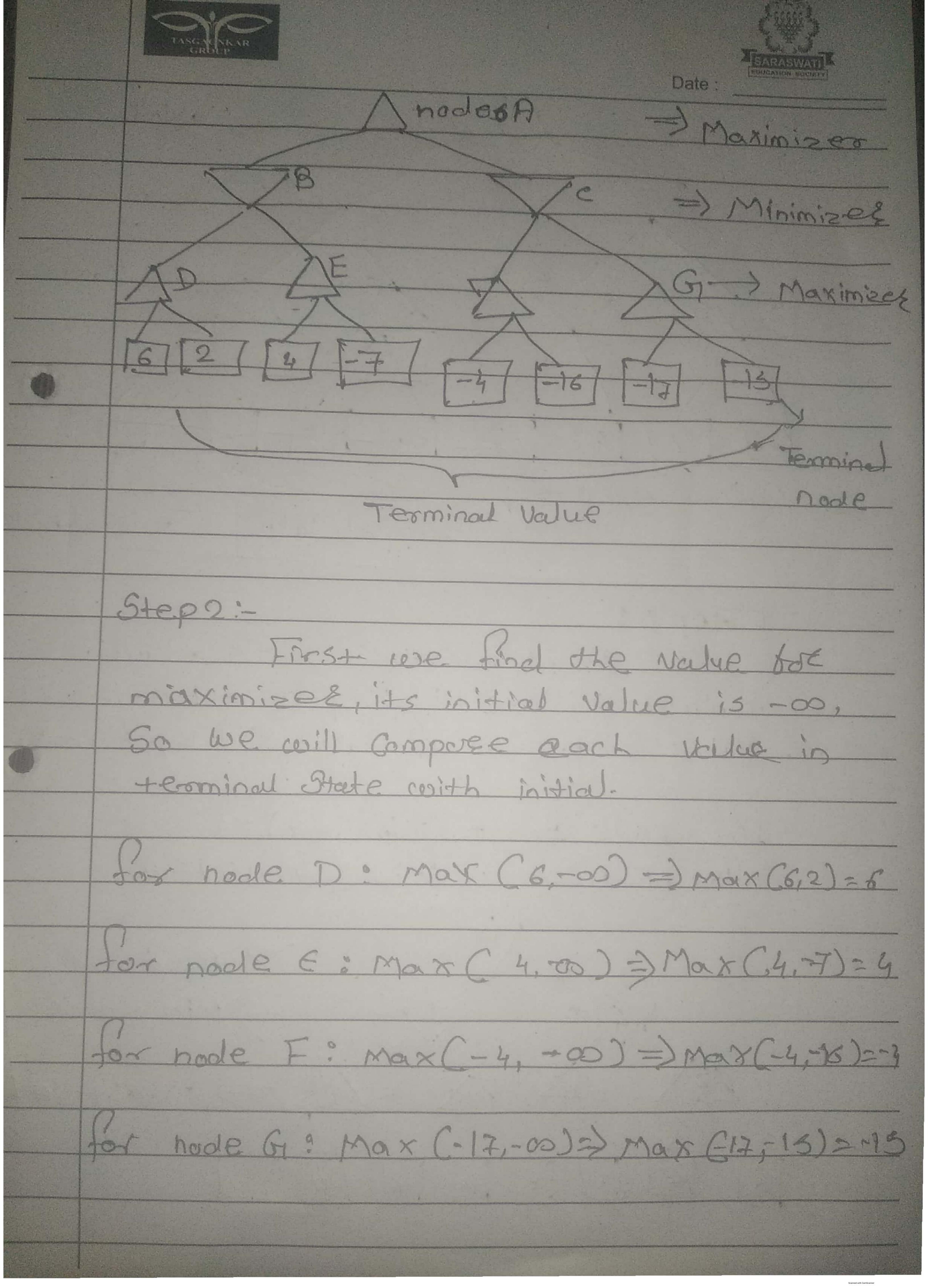
- In this algo two player play the game,
one is called Max & other is called N/w.

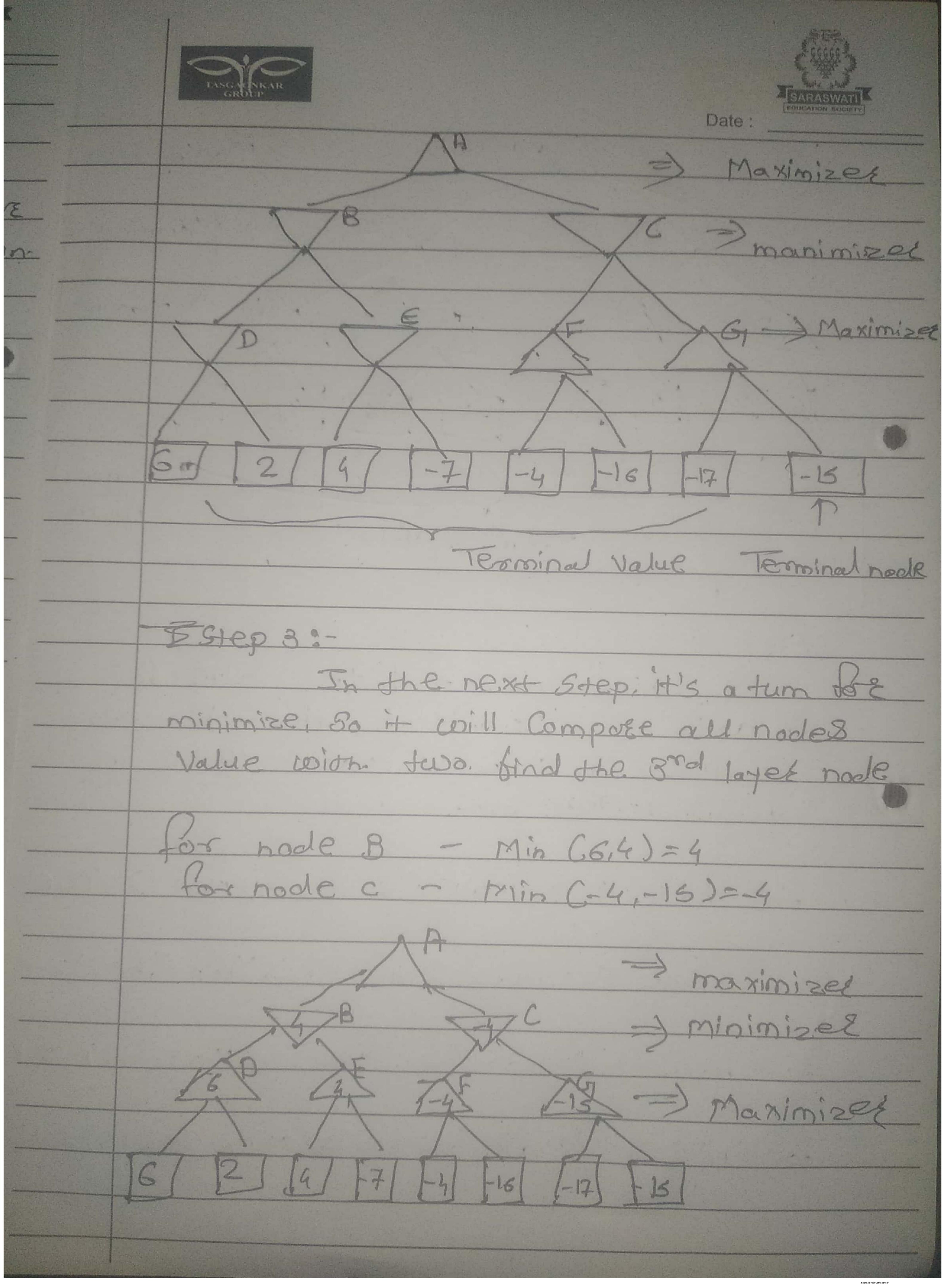
- NIN. MAX algo is mostly used for game.

playing in AI

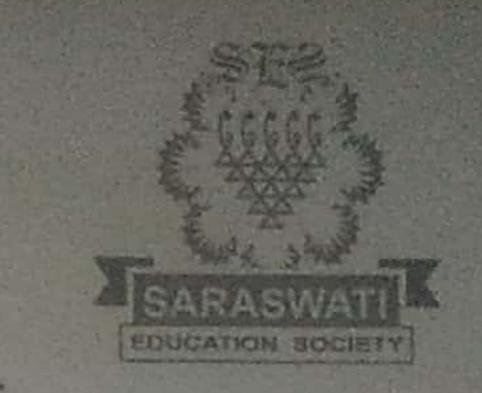
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let's take A is initial State of a tree. Suppose maximizer takes first turn which has worst cose initial values intinity, 4 minimize wirll next turn which has worst cose initial value t intinity.



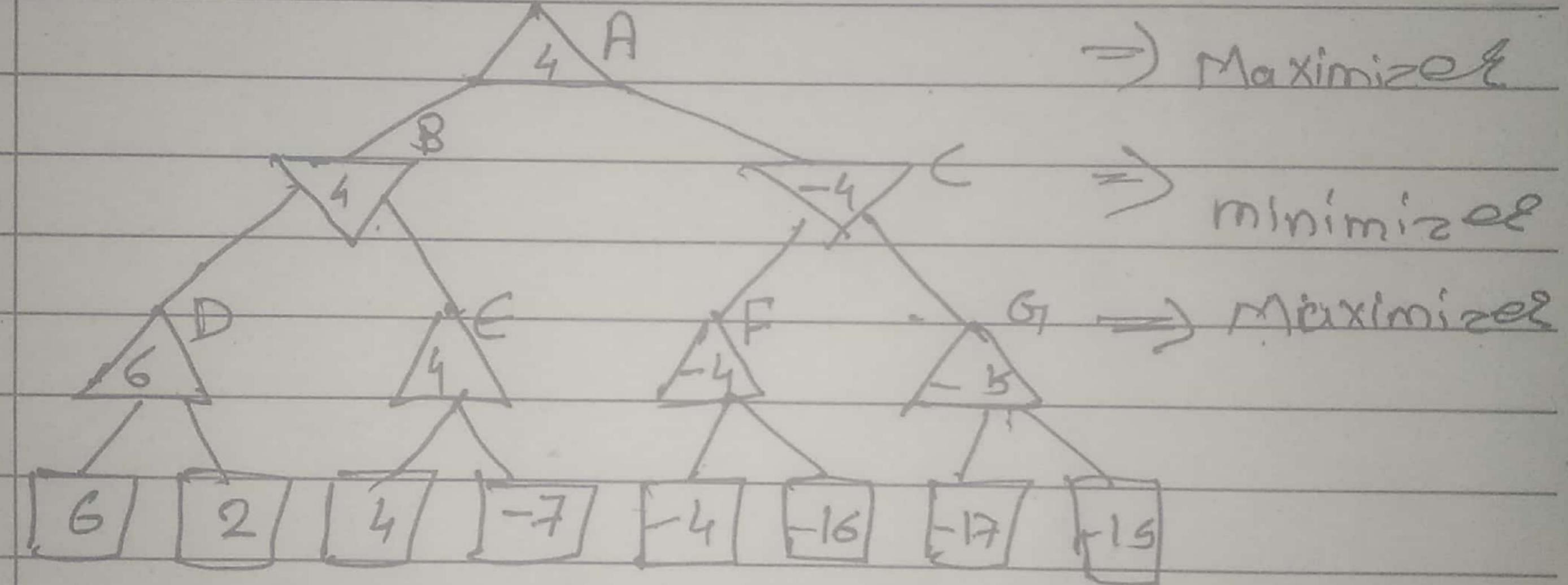






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	Step 4º
1	Now it's a turn for mizinizes of
	it will again Choose the maximum of all
The second second	nodes Value & find the maximum value
-	for the root node
and Known	For node A: Max (4,-4) =4



Hence, it is the complete constitution of the minmax algorithm with two player games