Name- Geeta Pramod Sakpal ROLINO -54 BEIT class subject . Is Lab p. 0 . P sign marks D.0.C 55.77



Min Max Algorithm

Min max algorithm is a recursive or backtracking algorithm which is used in decision making and game theory. It provides an
optional trace move for the player assuming that opponent is also playing optimally.

- Min max algo wes uses recursion to search through the game - tree.

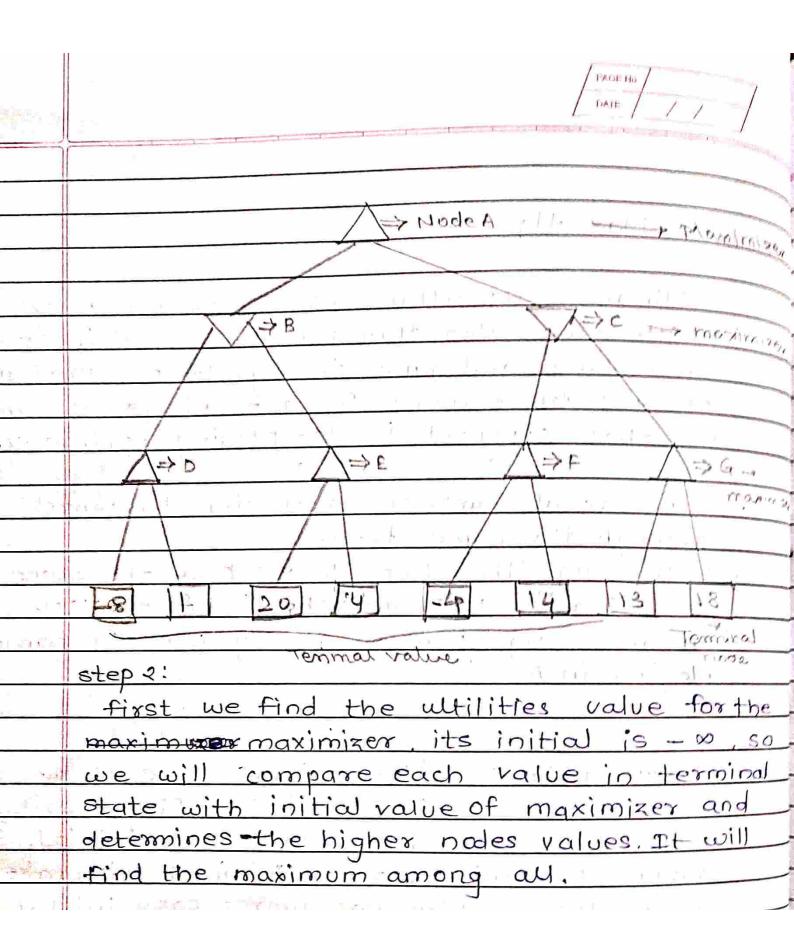
In this algorithm two players play the game, one is called MAX and other is called MIN.

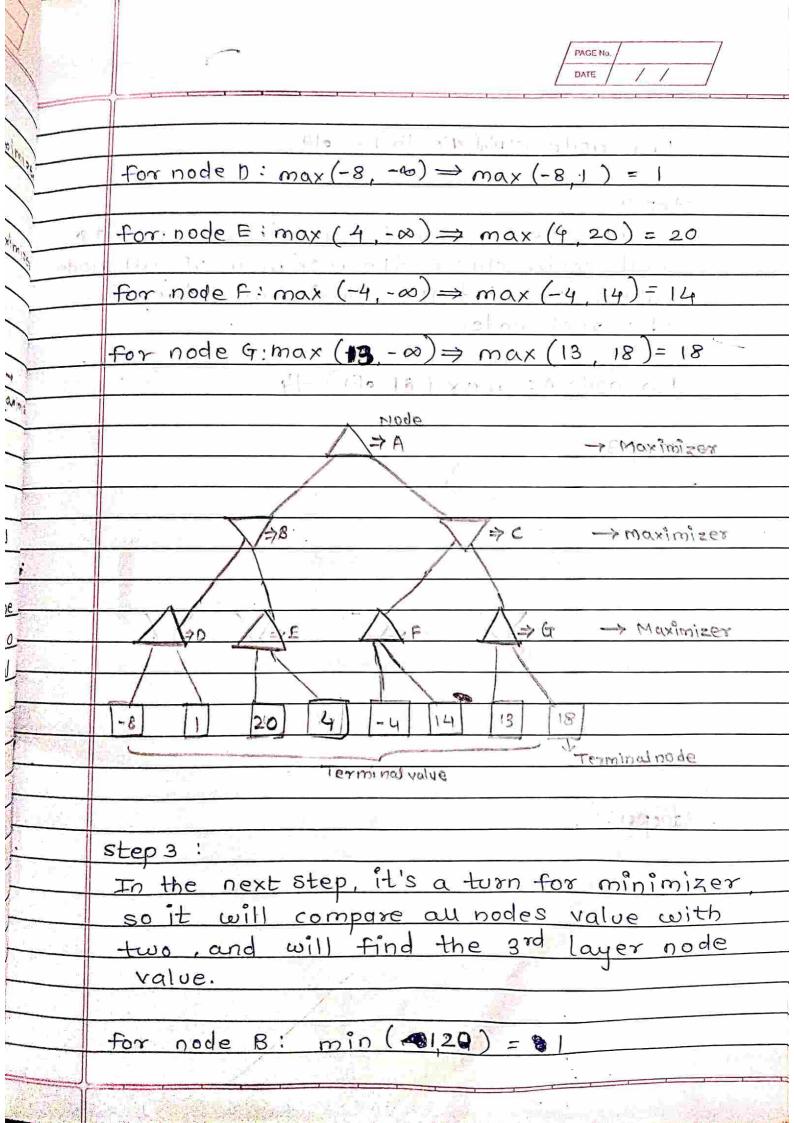
- Min max algorithm is mostly used for game playing in AI.

Lets take A is the initial state of the troe suppose maximizer takes first turn (when or) which has worst case initial value = - infinity, and minimizer will take next turn which has worst case initial value = + infinity.

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	for node c: min(-14, 18) = -14,		
	William of the property of the property of the property of		
_	step 4: How its a turn for maximizer and it		
	will again choose the maximum of all nod		
	ralues and find the maximum value for		
	the root node.		
	at - (B) (S) same of the Extreme of Minimum , 1		
	For node A: max (&1, 014) =14		
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	step3:		
	A PA		
	Mapinizer		
	7/3/B		
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	in the season and on the season of a		
	Harman Company		
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	The Top 18- No. 14- 18- 18- 18- 18- 18- 18- 18- 18- 18- 18		

		DATE / /
Step4:		
	14 = A	
		Maximize
X1/2	В 14/=)C
1 >0	120 ⇒E /14 ⇒ F	18 =4
[-8]	20 4 -4 14	13 18
	Terminal value	Teminel node
	Temmina value	
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min max	algorithm with two	player garne.
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