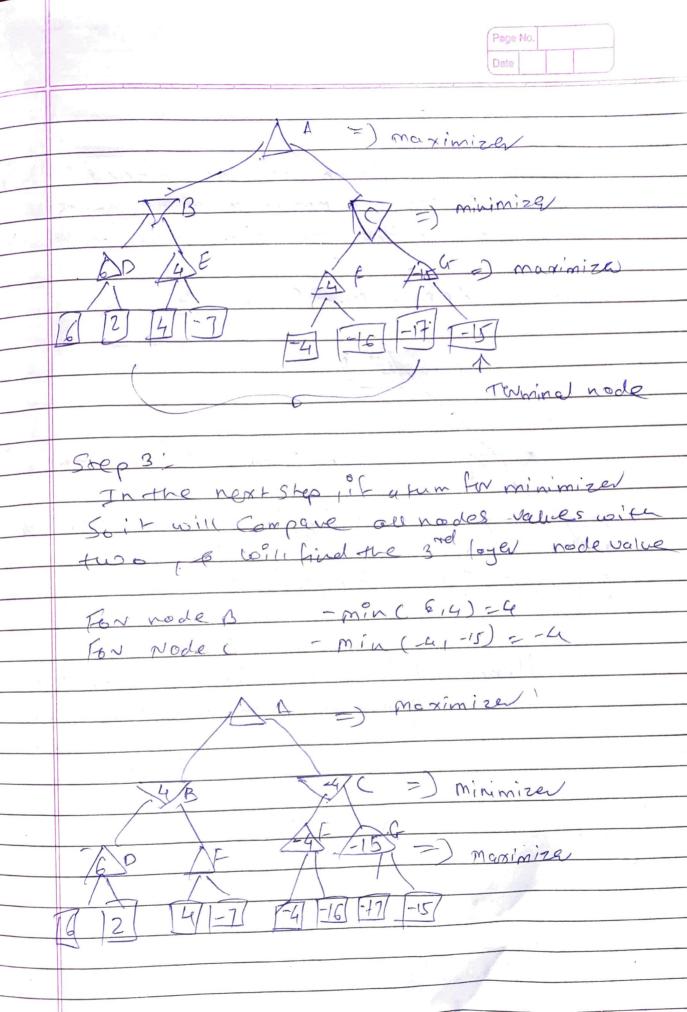
Page No. Date
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class : BEIIT
ROLINO 6- 68
SUB 6- ISLAB
D.o.p. D.o.e. Marks Sign

	Page No. Date
	min - Mars alganithm
	Min-mor algorithm
	Mannax algorithm 15 q necursive or bectracking
	algo which & used in dicision - making & goverthery
	It provides on optimal Nove for the player assuming that opponent is also playing optimally
	assuming that opposent is also playing oppimally
	- min max algo user recursion do search through
	the gave-tree.
	- In this algo two player play the game, one is
	- In this algo two player play the game, one is Could max pother is could min.
	- MIN. MAX algo is mostly used for game playing
	in AI
	- Stepl:
	less take prisipiled some of q toree
, (4	Suppose maximizes Jakes first time which has
	worst- Case initial vale: Infinity and
	minimize will ture meal from which not
	hes worst ase initial Nature + infinity.
	<u> </u>
5	
	·

- maximizer Node A of minimiser 4 - mariner F-4 F-16 Terminel hade Terminal Velue first we find the values for morinice, is Initial Value is - a , soulwin Compare each Value in terminal state with initial value of modimirar . & determined the highest nodes value of will bill brud the maximum among all For node D: max (6, -0) =) Max (6,2) =6 For node E-Max [4,-00) -) max (4,-7)04 Tot node F = Mar (-4,0) =) max (-4,10) = -4 For node C = max (-17,-00) =) max (-17, 15)=-5.



Page No. Step4:

Now its a turn for maximum of all hodes

again chosse the maximum of all hodes

value a find the maximum value for reeta For node a: max (4,-4)-4 -y (=) minimizer Hence it is the complete workflow of the minmax algorithm with two player game.