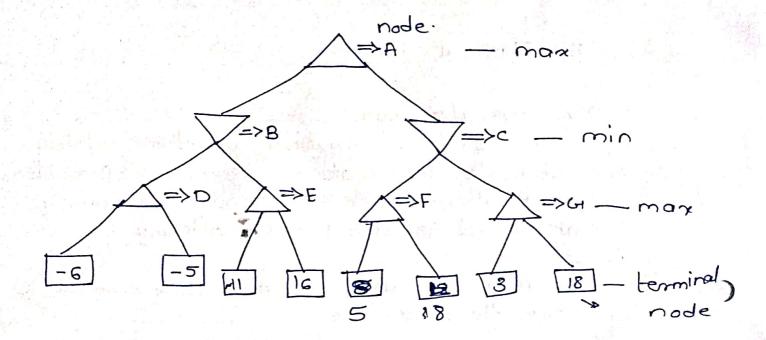
KGCENGCENGCENGC	Date:
	Min-Mase algorithum:
	Min mor algorithum: It is a secursive algorithum which is
	used in decision-making & game. It provides an optimal move for the player assumming that opponent is also playing optimally.
a	Min max also uses recursive to Search the through the game - tree.
-	In this algor two players play the game, one is called MAX & other is called MIH.
	Min-Max algo is mostly used for game playing in AI.
9	Step1: Let's take A is the initial state of the hee. Suppose maximizes takes first turn has worst-
	take next turn which has worst case
	initial value = + infinity.



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	Slepa:
	First we find the utilities Values for
	the maximizes it's initial value is -0.50
	we will compare each value in terminal
	State with initial Value of maximizes 8
	determines the higher nodes Values. It will
	Find the maximum among all.
	For node D: max (-6,-00) => max (-6,-5) =-5
	For node F: max (-11, -16) = 16
	(a) = 10 (a) = 10 (a) = 10
	For mode $F : mox (5, -\infty) = 2 max(5, -18) = 518$
	For nodecu: maz. (3, -co) => max (3, -18) = 3 18
	⇒A — maz
	=>B /=>c - min
*	
	F F G
	16 5 18 18 mag.
A 18 18 18 18 18 18 18 18 18 18 18 18 18	
	-6 -5 11 16 8 18 3 18
	5
1	sterminal mode.
	Terminal Values.
	=100:
	Step3:
	for node B: min (-5, 16) = \$ -50 \$ -6
	For node c: min (0718) = 88
	(5,8)

Page No.:

Date:

