## MinThax Agorithm

Name: Siddherh S. Sawant

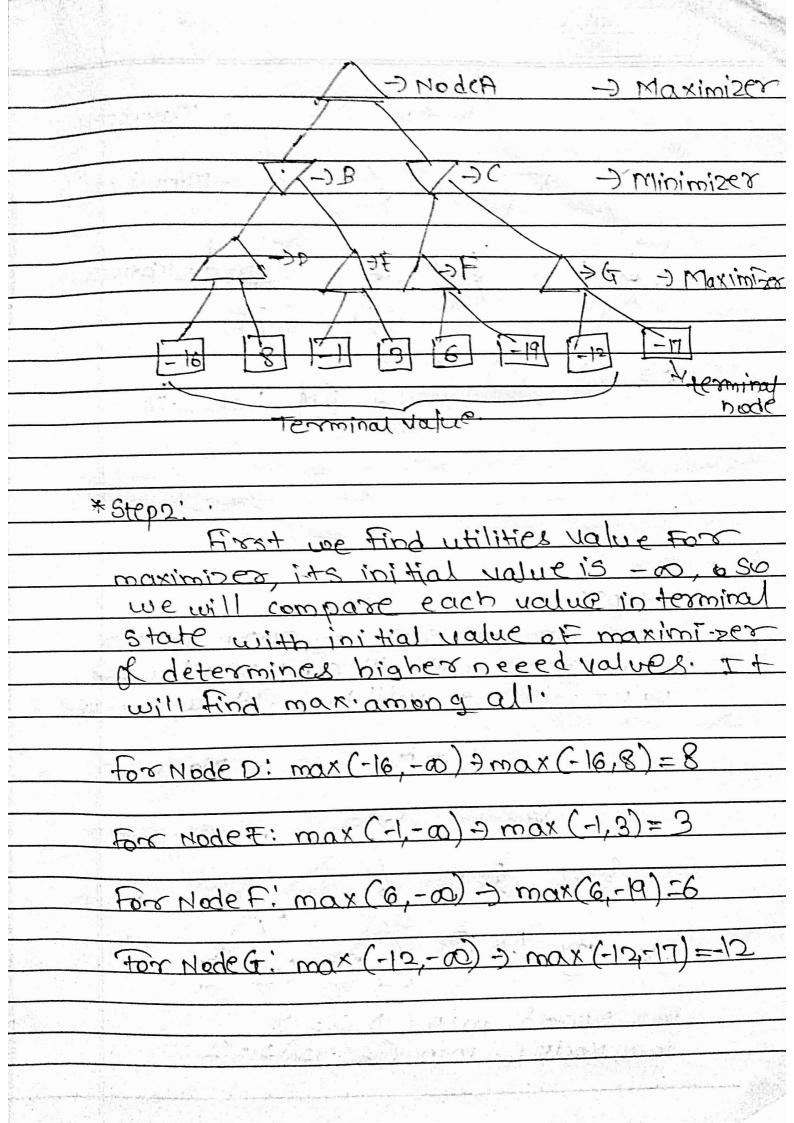
Std/Branch: B.F.T.T.

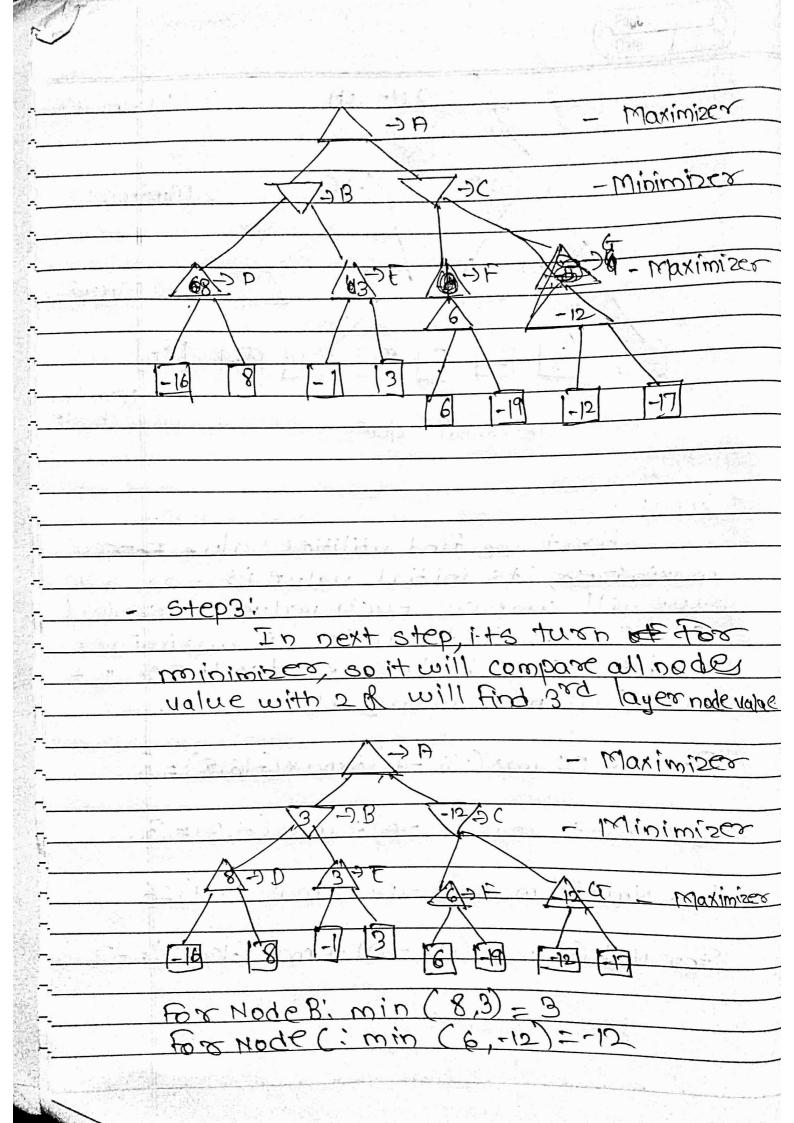
ROII NO: 58

Subject: IS IAB!

DOP	DOA	Morks	Sign
			J
	J -		

Min-Max Algorithm. a min Max Algorithm: It is recursive algowhich is used in decision making and gametheory assuming that opponent is also playing eptimally. - Min max algo uses recursion to search through game. tree is called MAX and other is MIN. Min-Max algo is used for game playing in A.T. Lets take A is initial state of tace \* step! Suppose maxin: tolles first .two come er which has worst cose initial udue = -infinity, and minm will take next two which has worst case initial vale = + infinity.



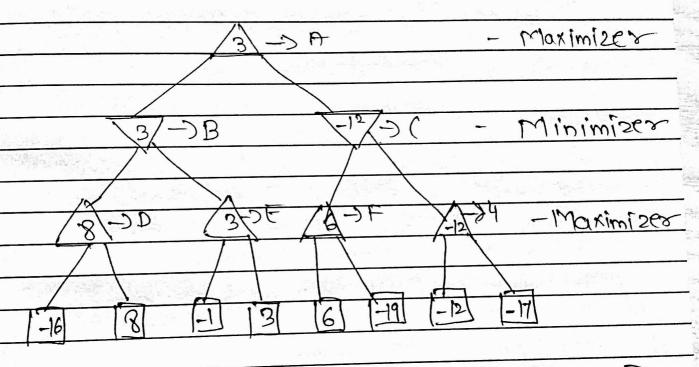


\* Step 4:

Now its turn for maximizer and it will again choose maximum of all nodes values and find maximum all node values of find maximum all node values.

Of find maximum of for mot node.

For node A: max (3,-12)=3



Hence it was complete work flow of minmax algorithm with two play games