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Sub: Is Lab

DOP DOA MARK , SIGN".

Min - Max Algurithm '
which is used in druision making and game thing. It
provides an optimal move for the player assuming for
that opponent is also playing optimally
. Min max algo were recursion to Search through the
game - tree
MAX and other is called MIN.
Max and other is called MIN. Min Max algo is mostly used for game playing in
AT, WILLIAM STATE OF THE STATE
step. 1. The Initial state of the tree. Suppose
the first turn chies to anich has a
and miller and miller and miller
next turn which has coarst-are initial value = + infinite
A∋Node A → Navimizer
TOBAL TO
B Minimizer
DO DE OF DE Maximizer
6 2 4 7 4 -16 -17 -15 remind rade
Terminal value
2Kp 2 '
First we find the utilities value for the my
trizer, it's initial value is so, see we will compare

each value in terminal state with initial value of musimizes and determines the higher nodes values. It will find the maximum among all.

For node 0: max(6,-0) > max(6,2) = 6,00

For node E: max (4, -0) = max(4, -7) -4

For node F: max (-4, -00) > max (-4, -16) =-4 for node 61: max (-17, -0) => max (-17, -15) =-15 -Maximizer

LOC Minimizer =4 -maximizer se - Terminal node Terminal values

Step 3: In the next step, it's a tuon for minimize, so It will compare all nodes values with two and will

find the 3rd layer node value, 2 For node 0 - min (6,4) = 4

For node C - min (-4,-15) =-4.

