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Min Max Algorithm

Min max algorithm is a recursive or backtracking algorithm which is used in decis-ion making and game theory. It provides an optional traces move for the player assumi-ng that opponent is also playing optimally.

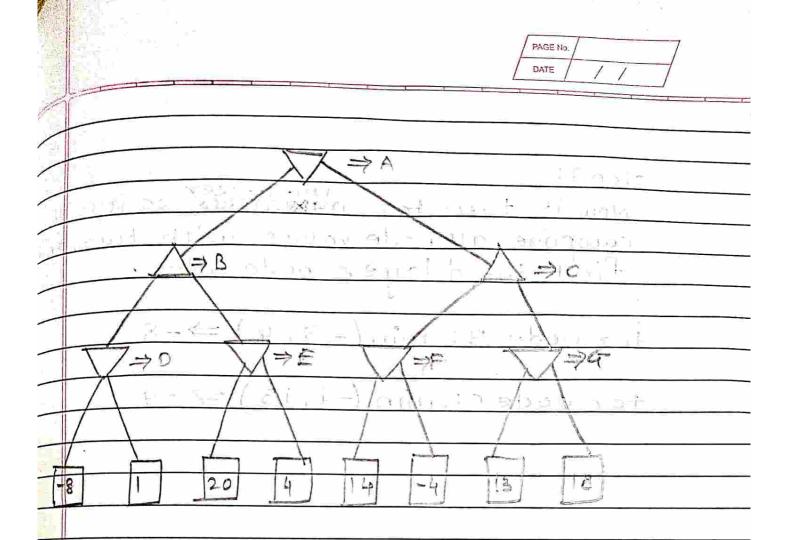
- Min max algo ws uses recursion to search through the game - tree.
 - one is called MAX and other is called MIN.
 - Min max algorithm is mostly used for game playing in AI.

- stepl:

true, suppose maximizer takes first turn

(when or) which has worst case initial value = -infinity, and minimizes will take next turn which has worst case initial value = + infinity.

American related from



Step 2:

first we find the ultities value for the minimizer, its initial is &, so we will compare each value in terminal state with initial value of minimizer and determines the smaller value nodes. It will find rein minimizer among all.

for node D: min (0,-8) => min (1,-8)=-8

for hode E! min (∞,4) => min (20,4) = 4

for node F: min (∞, -4) = min(14, -4)=-4

for node G: min (∞,13) > min (18,13)=13

