

Unit 5

Building games with AI

Quiz

Which is false

- A. Production rules are used in expert system
- B. Three player game uses minmax
- C. Minmax explores all nodes
- D. All of these

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Twitter data is hard to process due to

- A. Annotation is required
- B. Twitter does not give data
- C. Due to network issue
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Utility function can be applied

- A. Last level of tree
- B. Root node
- C. Intermediate levels
- D. None of these

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Quiz

Minmax algorithm can be applied

- A. Single player game
- B. Two players game
- C. Three players game
- D. Multiplayer's game

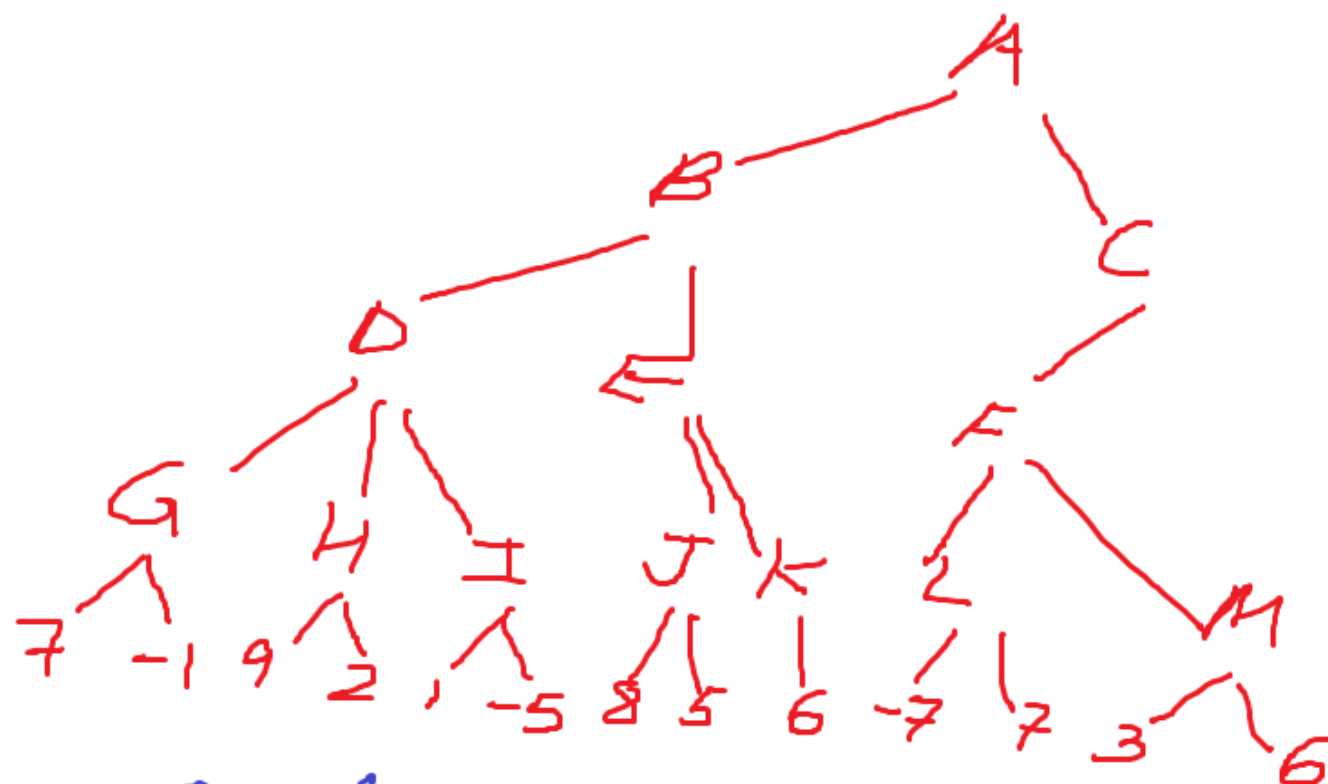
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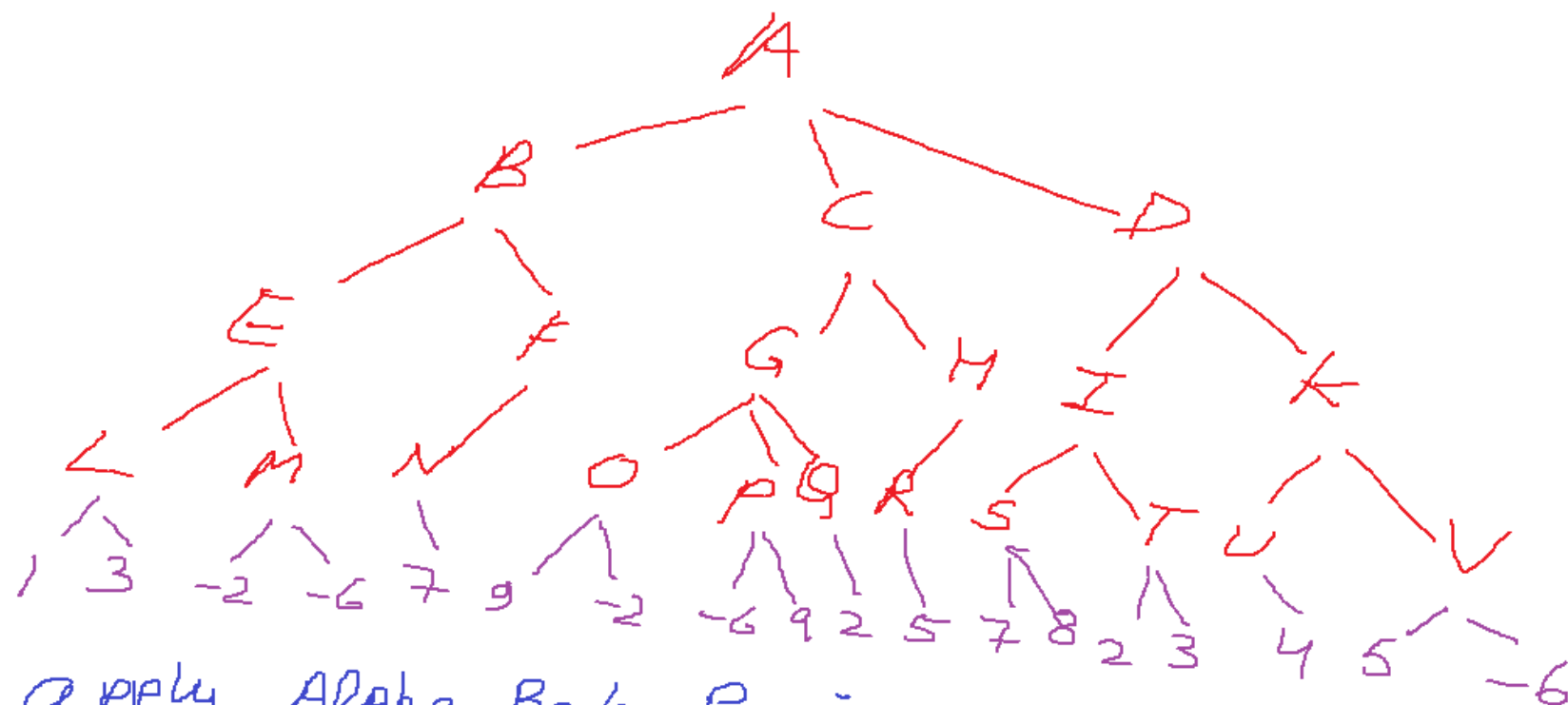
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Find the answers

1. Suggest any suitable utility function for tic-tac-toe
2. Write any restriction of minmax algorithm
3. Give difference between minmax and negamax algorithms
4. Write any two game termination rules for hexapawn game
5. What is the winning condition for last coin standing game



Apply min max, discuss the result



Apply Alpha-Beta Pruning, which nodes would not be processed, what is the value of α , β at nodes G, I, K, in final result?