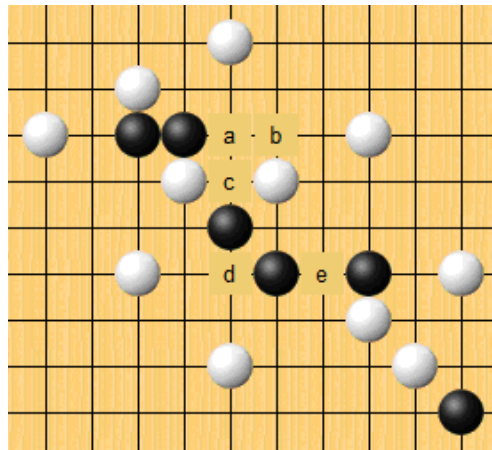
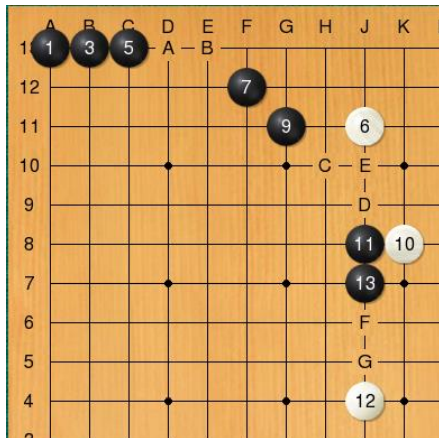


Homework/Pop Quiz #6 of the course: Theory of Computer Games.

1. For DLP game with “aabcdeabcbdcdeabcdee”, draw the dependency-based search tree to solve this. Also describe how many nodes to explore, if use the traditional search with and without transposition table respectively.
2. Consider the Gomoku game. For the lower left case, where Black to move, depict its λ^1 -tree and also evaluate its value. For the lower right case, where Black to move and to win, depict its λ^2 -tree.



3. If black is played at m10, depict all the next λ^2 -moves by white.

