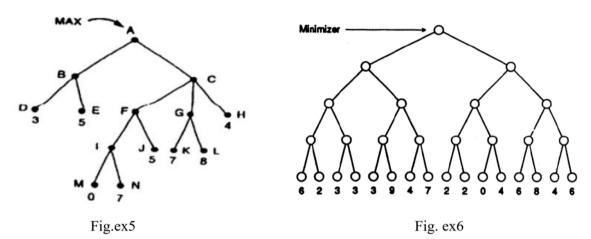
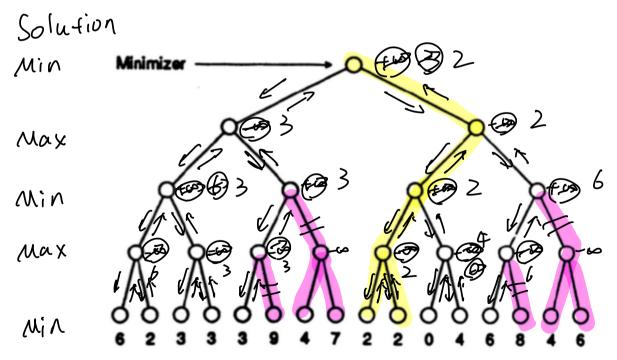
3.5.4.8 Exercise 6

Exercise 5 and 6

- 5. Perform (i) a **left to right** alpha-beta prune on the tree of Fig.ex5; (ii) **right to left** alpha-beta prune on the same tree. Discuss why different pruning occurs.
- 6. Consider the game tree in Fig. ex6. Explore the tree using **left to right** alpha-beta pruning. Indicate all nodes of the tree that are cut off. Indicate the winning path or paths.





6 3 +60 X 6 \(\infty \) X \\
2 \(\text{coad} \)
3 \(\text{coad} \)
4 \(\text{coad} \)
5 \(\text{coad} \)
6 \(\text{coad} \)

Solution Oinitialize

