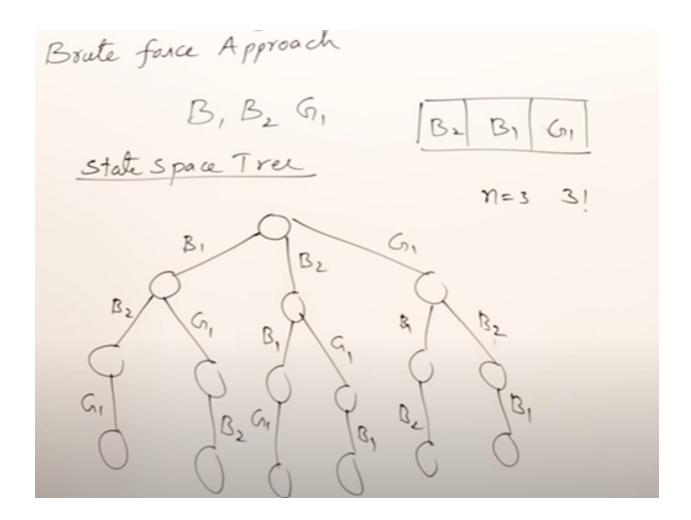


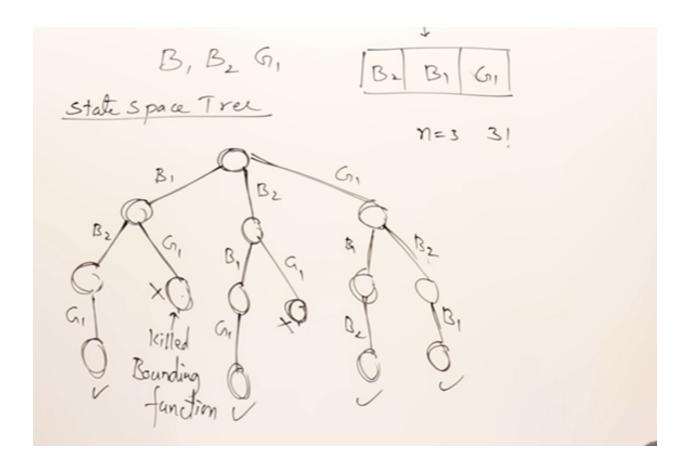
- Brute Force Approach
- Consider a scenario for arranging 2 boys and 1 girl in 3 chairs

Backtracking 1



Now consider a scenario where girls should not be given second position in the seating arrangement.

Backtracking 2



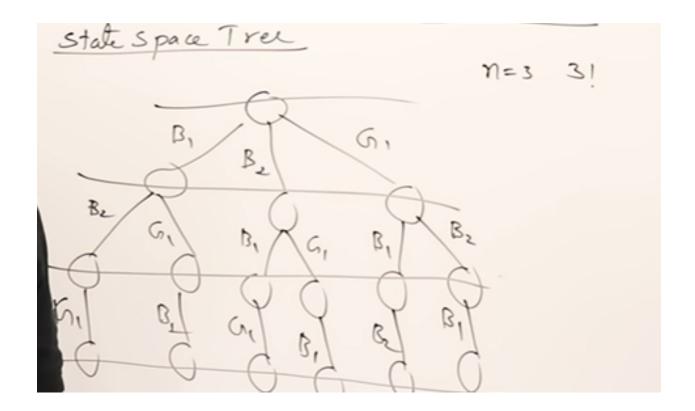
- Backtracking is a recursion with a twist
- · Remove those solutions which are not required



Follows DFS

Branch and Bound

- · Similar to Backtracking
- Follows BFS



YT:

https://www.youtube.com/watch?v=DKCbsiDBN6c

Backtracking