Exhaustive Search
1.   Travelling Salesperson Problem
2.   Knapsack Problem
3.   Assignment Problem
*Discussion on Exponential run time (NP)
Assignment Problem using Hungarian Method (P-time)
Notes shared.
Anany Chapter 3: 3.4

Backtracking Technique
*Betterment over exhaustive approach in terms of generating candidate solutions
1.   N-Queens Problem
2.   Hamiltonian Circuit Problem
3.   Sub-Set Sum Problem
(best average worst scenario in producing state space tree in context of N-queens and Hamiltonian Circuit Problem)
Anany chapter 12: 12.1

Branch and Bound Technique
Optimization Problems (maximization and minimization)
1.   Knapsack Problem
2.   Assignment Problem
3.   Travelling Salesperson Problem
Anany chapter 12: 12.2