















Branch and bound

- Looking for an optimal solution
 - Use bounds to prune the search tree
 - DFS or BFS
 - Example: assignment
 - Matrix Cost[x,y]
 - Minimize Σ_x Cost[x, a[x]] where a[x] is the assignment and a[x]!=a[y] when x!=y
 - Assign jobs with least costs one per worker





