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# Query Optimization

## 6. Exercise, Winter 2007/2008

Due 2007-12-11

1. Give a (simple) dynamic programming algorithm that constructs the optimal join tree for chain queries without cross products. (4)
2. Dynamic Programming and Memoization are different formulations of the same strategy. But sometimes Memoization can reduce the search space by using available information. Give an example. (2)
3. Implement the greedy operator ordering heuristic. You can use the program from the previous exercise as basis. (4)