Summary of climb problems

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Problem name	Description	Difficulty	Remarks	CMB Status
Text search	Search through file and count number of occurrences of several words.	Medium		Up and running
Image processing optimization	Implement parallel (or sequential) image convolution. Based on TDT4200 exercises.	Very difficult		Up and running
Mastermind	Find edit distance of mastermind guess - solution.	Easy		Up and running
Sudoku	Find solution of 16x16 Sudoku.	Difficult		Up and running
Dinner Party	Number of permutation of balanced parenthesis.	Difficult		Not online
11 siffer	Various arithmetic on a large number.	Easy		Not online
System of Equations	Solve system of equations, Ax = b.	Medium		Not online
N Doors	Find end state after opening and closing doors	Easy		Not online
Cellular Automata	Simulate a one dimensional cellular automata.	Medium		Not online
Counting stars	Count pattern in bitmap.	Medium		Not online
Orbits	Calculate number of days until planets align.	Easy		Not online
Traveling salesman	From the TDT4125 Group.		This has a way too large input, impossible to solve within several minutes.	