Artificial Intelligence
Lab 3 – Report
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Part 1 :

No. of back tracks for first 10 sudoku puzzles:

BS Method	BSI Method	BSII Method
151052	12284	34283
934	47720	106814
2478	258937	79397
7209800	213444	270502
29789	139390	747851
173457	307580	267004
7207	2938531	3239911
544904	18349	15698
1371813	4185236	3758962
1063049	2007445	88397

Time to solve:

For 150 sudoku puzzles (BS method): 168.342 s

For 10 sudoku puzzles (BSI method): 38.238 s

For 20 sudoku puzzles (BSI method): 120.976 s

For 50 sudoku puzzles (BSI method): 379.017 s

For 20 sudoku puzzles (BSII method): 85.48 s