Computer Engineering Department, S V N I T, Surat.

B Tech – V semester
Course :Artificial Intelligence and Machine learning(CS3)

Lab Assignment 5

Implement 8 Puzzle problem using below algorithms in prolog.
Compare the complexity of both algorithms.
Which algorithm is best suited for implementing 8 Puzzle problem and why ?

1. Breadth First Search
2. Depth First Search
3. Uniform Cost Search
4. Greedy Best First Search