CS 470 Term Project: Sudoku (100 Points)

Assigned Date: Thursday, October 30, 2008

Project Due Date: Thursday, December 11, 2008

Educational Goal

To develop skills of using Artificial Intelligence algorithms for solving practical problems.

Requirements

- The object is to insert the numbers in the following boxes to satisfy only one condition: each row, column and 3x3 box must contain the digits 1 through 9 exactly once.

Daily Sudoku: Thu 30-Oct-2008

- Implement a program to solve the Daily Sudoku listed above.
- Based on your experimental results, write a one-page report with minimum 200 words to discuss the design strategies and any interesting experiences or lessons learned in this assignment.

Submission Requirements

1. Follow the language requirements for programming assignments posted at
   http://www.cs.umb.edu/~ding/classes/470_670/student.htm
2. Your program should be well-documented. Variable names and function names should be self-descriptive. Major functions should be explained clearly in comments.
3. Turn in the paper copy and soft copy of all the files **including your program code and results of at least one successful run**. Submit **a single zipped file** of all the files of this assignment through your UMassOnline account at http://boston.umassonline.net/index.cfm. Submit the paper copy

along with the cover page in class. Paper copy should be bound firmly together as one pack (for example, staple, but not limited to, at the left corner). 5 points will be deducted for unbounded homework.

4. Name your file with AI_ lastname_firstname_termProject.
5. No hard copies or soft copies results in 0 points.