Double click Sudoku.m to open the main program, the rest are functions.

Enter the Sudoku to solve as a 9 by 9 matrix. And fill in the spaces with zeroes.

Sample.txt contains some samples; you can simply copy and paste those matrices to matlab and solve it.

For those who don’t know what Sudoku is: <http://en.wikipedia.org/wiki/Sudoku>

Some thoughts of mine

Actually I was very excited to submit my program, simply because I did it. I came up with this idea that to use matlab to solve a Sudoku because I was playing it previously. This game is really challenging and time consuming to solve, that’s why I came up with the idea to write a program to solve it. Luckily at that time I heard the information about the contest and I was really motivated.

However, this program is not perfect in my opinion. There are a lot more could be done to make it better. I will keep coding after the contest, GUI, input formation, better output, and even a Sudoku randomizer. Besides of that, I’m still really proud because I achieved the core functionality. It was a great experience, determining the realistic problem to mathematical problem, and then uses the programming language method to solve it. I was really impressed by myself.

Anyway, I really appreciate this contest, what I learned is much more than the result itself.

Lexuan Wang