

April 9, 2008

Programming Assignment 7

(Due on April 24, 2008)

The Lo Shu square (a.k.a. magic square) is a 3×3 matrix that the sum of the numbers in each row, column and diagonal are the same (15), where the entries of the matrix are 1 to 9. Following figure demonstrates a possible solution for Lo Shu square:

2	7	6
9	5	1
4	3	8

Lo Shu square

In this assignment, you may use any algorithm to solve the Lo Shu square and show all possible solutions for this question.

Two-page report is required.