**Project Proposal**

Topic to be addressed: creating a sudoku game

Problem to be addressed: providing entertainment to users

Product to be created: create a sudoku game that people can play in their free time

Hardware/Software needed: Visual Studio Code and Eclipse IDE with Java (using Graphics, matrix, arrays, and linked lists?)

Describe the social significance of this problem: users should be entertained, and they should have something to do when they are bored

What do you anticipate your final product looking like?

The code should produce a panel with a 3x3 matrix of smaller boxes arranged in a 3x3 manner. Some of the boxes are filled with numbers in the 1 to 9 range, while others are blank or highlighted. Users should be able to click on a blank box and input a number that they think would help complete the puzzle. In the end, each row, column, and large box should contain the digits 1-9 without any of them repeating.

By what criteria will your final product be evaluated?

My project will be evaluated based on ease of user interface and the accurate displaying of the puzzle.