

### **Which problem i solved**

I made a sudoku solver, where you can type in a sudoku, and click on the solve button. I also added a play button that will fill in a hardcoded sudoku, just so it can be used as an example. I have used pygame to make a nice layout.

### **What I have planned to do**

I planned to make a fast sudoku solver, which could solve any 9x9 sudoku. The rest of the program was made the way i planned it to be.

### **What I end up doing**

I made a sudoku solver which can solve any 9x9 sudoku, it is not the fastest. I have researched a lot of solutions on this topic and there is some that can solve any sudoku in a few seconds. My sudoku solver is slow on the really hard sudokus but it is simple, and easy to do more with, for example if you want to include new rules it would be very easy.