

Chat Gpt Prompt: "I would like you to create a program in java. You can use any tools or libraries at your disposal. The program will be minesweeper the game. While coding please make sure to use good design principles such as least privilege, open closed principle, single responsibility principle, and other good GoF design principles. Also make sure to write appropriate comments that explain each function, class and methods."

#### Areas of Improvement:

I think that the code that chat GPT gave me functioned pretty well. The only thing that I would alter is possibly adding another class that contained the logic for drawing the board. I would like to separate this out so that if someone wanted to use UI tools (such as java ATW) this could be done without damaging or changing the primary logic of the game. That's exactly how I adjusted the program. I took out the BoardDisplay method and made it into its own class and used Java ATW so the board could be displayed in an easier-to-read fashion.