Now that a few weeks have passed since Mr. Orengo and I became partners, we have started to create our own separate Brick Programs. Our approaches were different from the start, but this gave us an idea of what each other is capable of accomplishing. This will be very useful in any future projects we may work on together. The measurements have throughout the facility have been completed at this point and shared between the both of us. The voids have been calculated to ensure the proper answers come back for the final counts.

Each program has some improvements that can be made, but that is to be expected with such a small window of time to complete this project from start to finish. Although, I believe most items have met the user’s standards of calculations. Including the removal of voids with pictures to give the user an idea of what can be taken out, just in case they didn’t know what was available as an option. Additional items have been added to this program, including single wall measurements to be part of the calculations.

Future improvements on this program could be other types of voids, customizable dimensions, and writing to files. Including, but not limited to, CSV and Word files. This could also be improved by allowing the user to input personal information, such as name and email. Just like the user was using a company online estimator. This could give a contractor a good idea of how many bricks would be necessary on a jobsite as well.

Just like originally anticipated, we made it close to finishing this assignment or come close to it by the end of the semester. The individual portions of the projects we created will come in handy when it comes to completing a semester long project. This way we could work on specific sections of the same project and collaborate to make a successful singular project.

CODE (06DEC20):

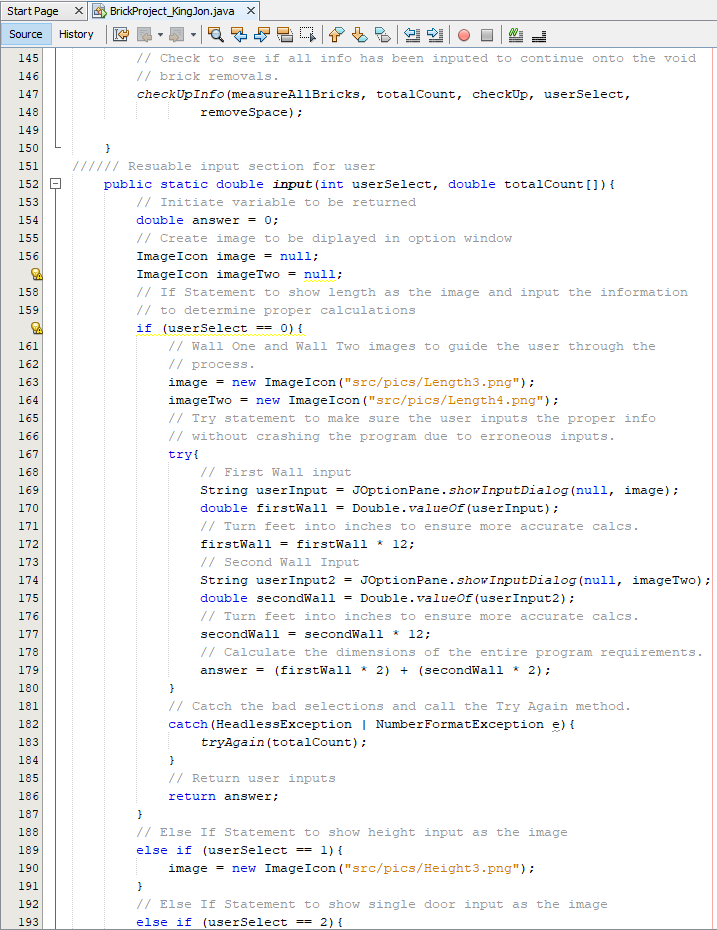
Graphical user interface, text, application

Description automatically generated

A picture containing text

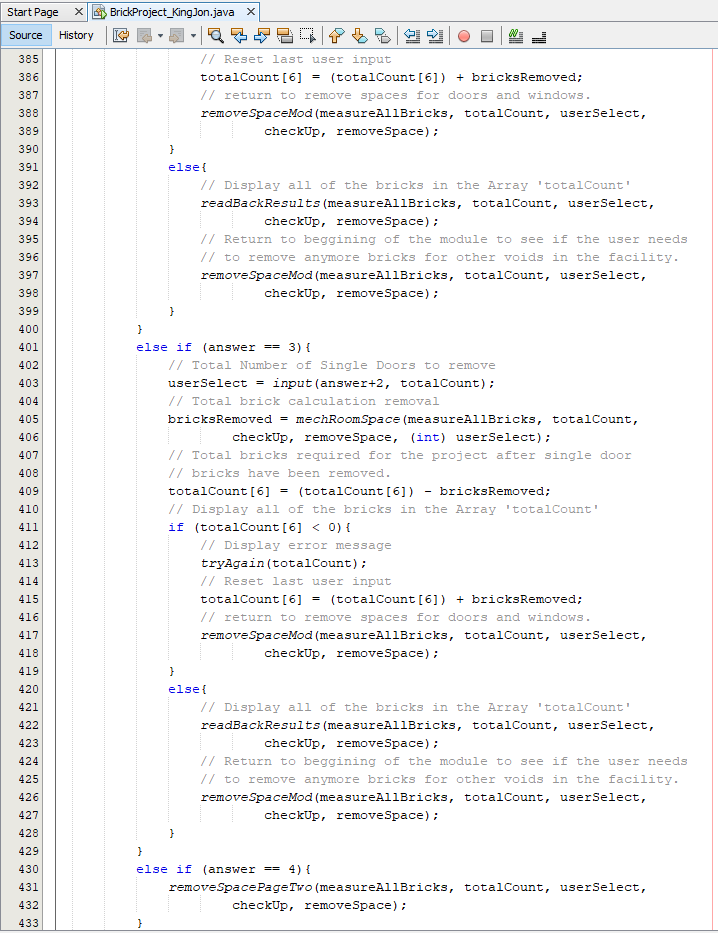
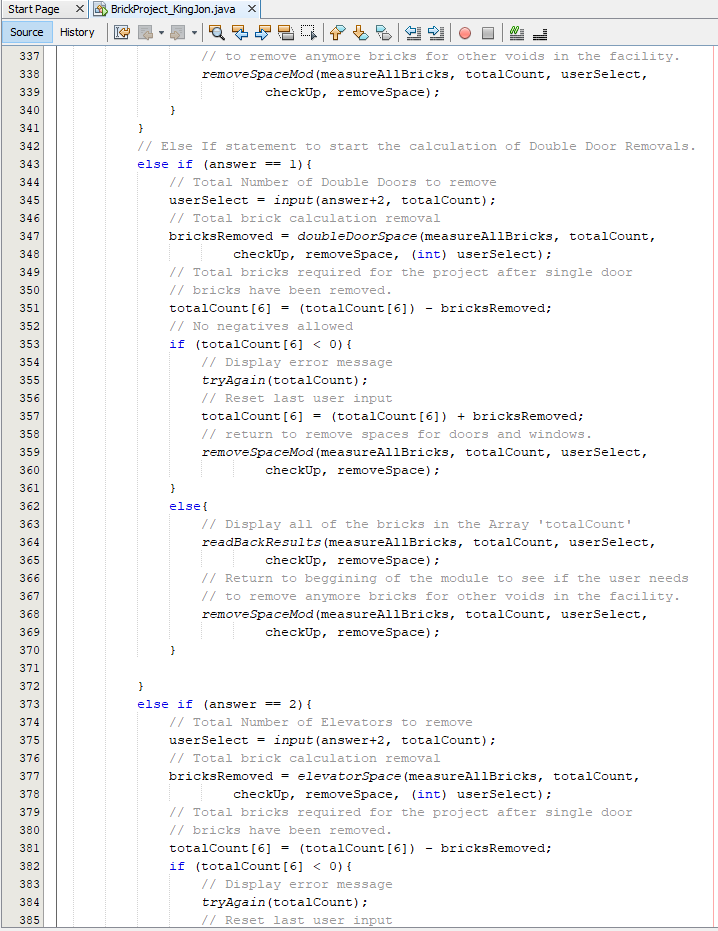
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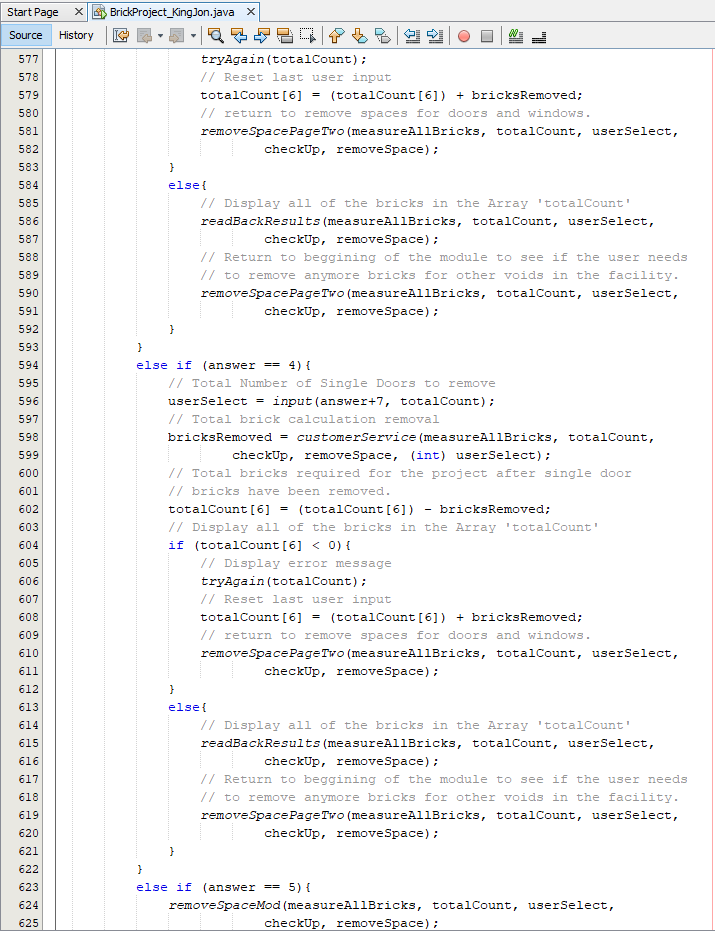
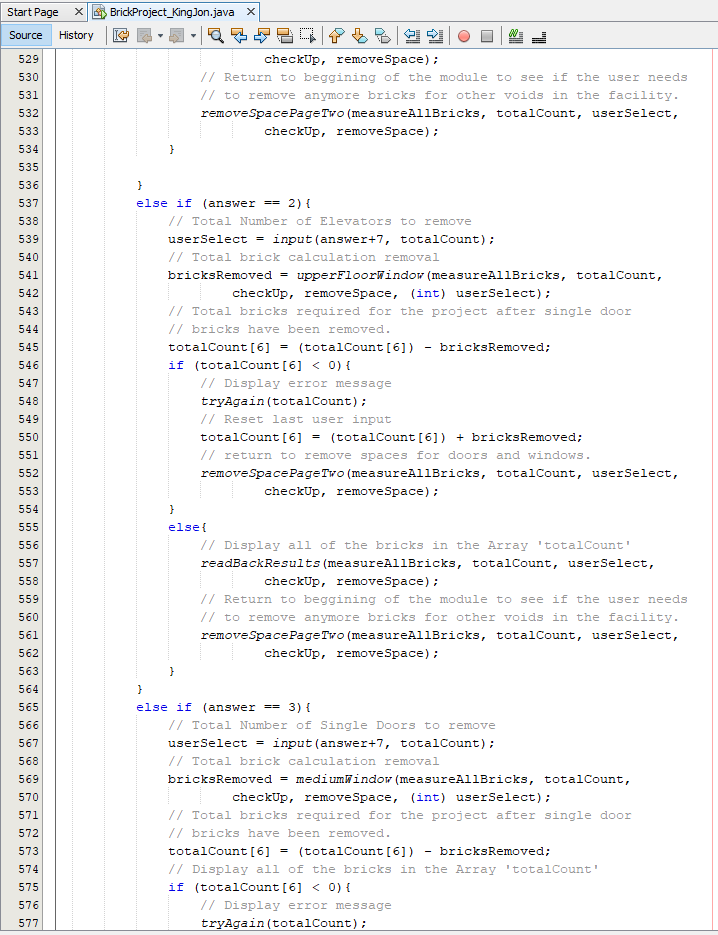
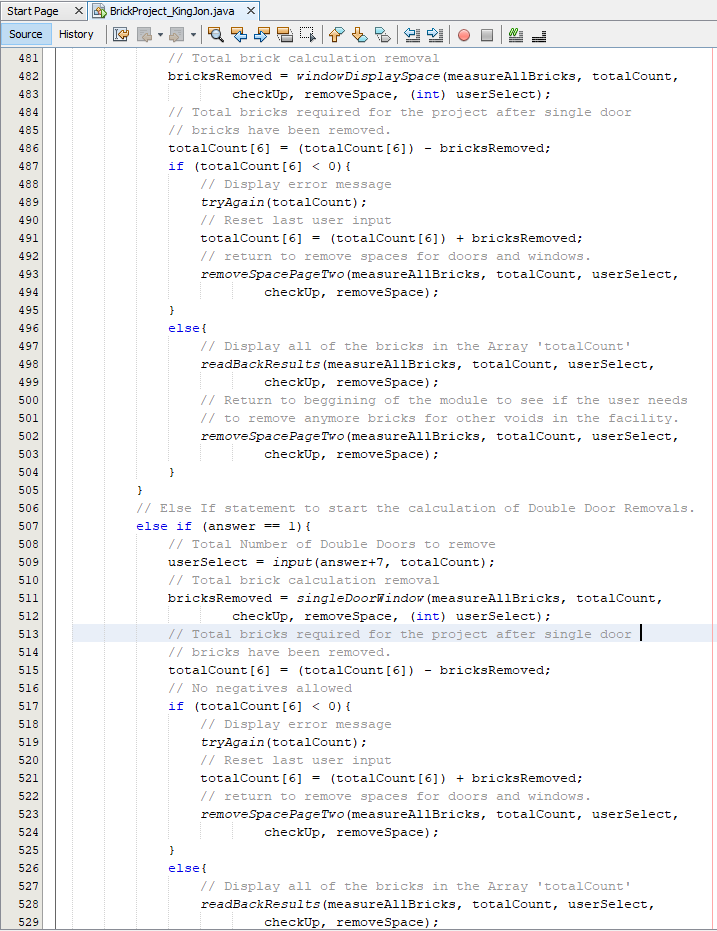
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