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User manual

The file TaskList.java is the main file. TaskList.java calls functions from WriteFile.java and ReadFile.java to get functions. WriteFile.java is the function that is called in multiple windows to correct information in task.txt. Task.txt is my way of storing information outside of the program to allow the user to maintain the to do list even after closing it. Readfile.java has 2 functions, one to read the tasks, and one to read if those tasks are completely. The main window that opens when you can see the tasks that were originally there and 2 buttons. One button sends you to the add task frame. The frame has a text box that allows you to enter a new task, and then when you press the button the task gets added to the main frame. There is also a remove task button, this also sends you to another frame that displays the tasks, with another text box that allows you to enter the task you want to remove.

The main way this program works is using ArrayLists with the custom class of tasks. The arraylists store multiple versions of the objects task. This is required to be an ArrayList, because I do not know how many tasks that the person wants, so ArrayList allows me to append as many tasks as the person wants. The arraylist is used everywhere. The arraylist is made by the readfile.java functions that send back their own arrarylists one for tasks and one for if they are completed. The Arraylist of tasks gets sent into a for loop for every task and adds a new task into the arraylist to match the data. When the person wants to change the tasks by adding or subtracting, the filewriter writes over the entire file using the information is the task arraylist. The arraylist is my way of storing information in use during the same usage of the program, and the txt file is used for if the person wants to use the program again.

Link to git hub

<https://github.com/CoxAlexander/Java-Development-Class/tree/main/Final%20Project>