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| Pair Programming Log | |
| Software Developers | Ben Bywater, Emma Darcy |
| Time Session Started | 4:30PM 01st December |
| Activity | Automated Capability |
| Lines of Codes written | 95 |
| Comments | Implemented the automatic buying and selling feature by creating the WatchThread class to act as a runnable thread. By detecting if the user enters the “WATCH” command. Then in the SendMessages class the Watch thread will be created and told to start running.  Then within the watch class it keeps track of the stock prices by storing them within a local hash map. By comparing the prices each time they are updated, we can then buy and sell depending on how much the user set the threshold in the WATCH command. |
| Errors Spotted | **Ben**: The program would continuously sell stock and never stop the thread. This was due to the condition in the while loop would never be set to true after the stock had lowered enough in price.  **Emma**: The program would sell all the stock in the map rather than only selling the stock requested by the user. |