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|  | **Examples of code used in assignment** | **Comment** |
| **JavaFX** |  | Here you can see I am importing the relevant javafx libraries that were needed to create the components of my GUI |
| **Lambda Expressions** |  | Here you can see that I have used the concept of lambda expressions to configure what each of my button components will do upon any action that is taken against them. This mean I can loosely couple the buttons and their functionality therefore allowing me to reuse the buttons as I wish for various features |
| **Exceptions** |  | Here you can see I am using a try catch exception block to ensure that when users are trying to update the details of an emergency, the emergency actually exists in our list hence why the exception I am catching here is a ‘NullPointerException’ |
| **Collection classes** |  | Here I am using the concurrent ‘CopyOnWriteArrayList’ collection class because I encountered an issue with concurrency when using a normal ‘ArrayList’. I was iterating through my list to see if an emergency was resolved then removing it from the list as this was trying to modify the list while it is still being iterated through. |
| **File Handling** |  | Here I am reading from a csv file which acts as my eventual consistent data store for keeping permanent records. I simply read the data from the file do some data transformation like excluding the header and splitting the columns by commas |