**Nathan M. Abbey**

1. It is not a runtime exception because it extends the Exception class. Whenever a custom made exception class extends the Exception class it must be in the category of checked exceptions. This means a throws clause needs to be added to the method header right after the input parameters brackets or the method must use a try/catch block in order to handle the exception. (Algonquin College 2016) (thenewboston 2016)
2. I believe using an array instead of an ArrayList would be trickier to work with. An array has a fixed size that is declared at the beginning; it’s possible to fill up the array and not be able to add more tasks. An ArrayList’s size is more flexible and it’s not as easy to fill up. Arrays also require the programmer to program in the array objects “falling back upon themselves” when deleting an array in the middle. The ArrayList automatically does this; making it easier to program with. Finally, the ArrayList has a lot of methods already programmed into it that would ease the programming of the data into the to-do list. Overall, the ArrayList makes it easier than using an array; however, the array list does have more overhead. (Subham Mittal 2015) (J. James 2015)
3. I did place a input.nextLine() in every catch block instead of just putting a finally clause. I found this easier to code as it helped me to keep track of exactly what was happening in the catch clause; and I didn’t have to scroll down to find the finally block. The downside is that in certain situations a finally block would have cut down the amount of coding needed. However, if an exception isn’t caught it’s the same as adding the input.nextLine() into the code itself. I found it easier to find the input.nextLine() and understand the process as it was in the catch blocks; separated and easy to find. (Algonquin College 2016 – Slide 21)

# Bibliography

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