**Java Application Assignment**

You are to create a complete Java application. This application must be approved by your instructor; however, you will decide what this application is about. This application must include at a minimum:

* Three classes minimum
* At least one class must use inheritance
* At least one class must be abstract
* JavaFX front end – as you will see, JavaFX will allow you to create a GUI user interface.
* The User Interface must respond to events.
* If your application requires a data backend, you can choose to use a database or to use text files.
* Error handling - The application should be able to handle invalid data.