

CSCI4448 Project 3

- **Title:** OOP Project 3
- **Project SDK:** Java 1.8
- **Text editors/IDEs:** IntelliJ, Eclipse, Sublime Text
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- **Instructions:** In order to run our code, navigate to the Main class and run Main.main()
- **Project Summary:**

Our design is fairly simple. We have two abstract classes (Tool and Customer) that deal with the creation of the tools and customers via a factory design pattern. After we create our customers and tools we need to create our store. Our store is instantiated as a singleton design pattern via the Hardware store class. Once we have our store, tools and customers, we run everything in our Main class. The third design pattern we employed was a decorator for the add on equipment. After a customer rents their tools, they also rent out an add on and this is done via the decorator.

