

# P07 / Sprint 3 - Exceptional Laptops and Supercomputers Always (ELSA)

3/21/2023

100 Possible Points

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3/7/2023

## ▼ Details

NOTE: An updated E2 Handout is available below.

The Exceptional Laptops and Supercomputers Always (ELSA) store offers the coolest (ahem) deals in computing technology for the savvy computer geek and their lucky friends. Each computer can be hand-crafted to match the technologist's exact needs, with a growing selection of convenient predefined configurations already purchased by your discerning peers (and competitors). They now belatedly seek to automate their physical and online storefronts, replacing paper forms and ink pens with the miracle of modern computing technology. Your goal is to prove that you can implement their store management system and thus win the contract to build it, with all of the associated fame and cash.

This is Sprint 3 of 6 in which you add saving and loading our data and a snazzier interactively drawn logo! This assignment has a higher than average difficulty factor (particularly file loading and saving), so plan your work before you start, take it one baby step at a time while testing as you go, and don't be afraid to ask questions. Note that we'll grade gently for this assignment due to the difficulty.

As with all assignments, submit your solutions and Scrum spreadsheet via your cse1325 GitHub repository as specified in the requirements. Important details and a LOT of hints are in **the PDF requirements**.

 [SCRUM\\_Sprint\\_2.xlsx](https://uta.instructure.com/courses/133447/files/24875890?wrap=1) (https://uta.instructure.com/courses/133447/files/24875890?wrap=1)  
(unchanged)

 [P07\\_Requirements.pdf](https://uta.instructure.com/courses/133447/files/24984573?wrap=1) (https://uta.instructure.com/courses/133447/files/24984573?wrap=1)

 [E2\\_Handout\\_rev\\_01.pdf \(https://uta.instructure.com/courses/133447/files/25015383?wrap=1\)](https://uta.instructure.com/courses/133447/files/25015383?wrap=1)

Use this reference for your homework to practice for Exam #2!

Unlike stand-alone assignments, **please make the root of your project (where you build and run it) P07. Do NOT use full\_credit, bonus, or extreme\_bonus subdirectories.**

I again *strongly* recommend that you use E2\_Handout.pdf as your go-to reference when coding Swing, as this is the exact same reference you will have on the second exam.

This is a 7 day sprint as always, with Spring Break in the middle. You aren't expected to work over Spring Break!

After this sprint, we'll take an exam and then take a couple of weeks off for an overview of C++. How does it compare to Java? Then we'll return to continue fleshing out ELSA!

**As always, the requirements documents reveal all.**