

CMPS 3390 Lab 7

Spring 2026

Part 1 - Setup

1. We will be using IntelliJ Idea Community for this lab.
 - If you are using your own computer, you can download and install IDEA from JetBrains Website.
 - **If you will be doing this lab on the lab computers in class, IDEA should already be installed.**
 - If you want to quickly install IDEA on a linux machine outside of class (like in the tutoring lab), run this command from the machine's terminal to install the JetBrains ToolBox (NOT ON ODIN!):

```
bash <(curl -s https://cs.csub.edu/~paul/cs3390/scripts/installJTB.sh)
```

Then use the ToolBox to install IDEA Community

2. We will be starting with an app that I have prebuilt. To save us time I have uploaded my copy to github:
<https://github.com/wmpaulroyer/CMPS3390-LAB-07.git>
If you are unable to use git clone, you can also download the zip of the project and extract it:
<https://github.com/wmpaulroyer/CMPS3390-LAB-07/archive/refs/heads/main.zip>
3. Once you have the project open, make sure to update the username on line 49 of the **QuoteController**.
4. If you don't have one already, create a 3390 folder inside your public_html folder **ON ODIN**.
5. **INSIDE of your 3390 folder** run the following commands:

```
wget https://cs.csub.edu/~paul/cs3390/labs/lab07.zip;  
unzip lab07.zip;  
rm lab07.zip
```

6. If you have done everything right you the full path to the API files should be:
~/public_html/3390/quotesAPI
7. We will be editing the index.php file for this lab

Part 2 - Guided Example: Creating a simple quote generator API

In class demonstration. Documentation will be added here later.