**Coin Dispenser:**

The below guides you on how to build and run the project:

* It is a spring-boot project with a maven plugin
* Build – Go to terminal on your intellij
* Enter mvn clean install
* Or go to maven tab, select lifecycle, and select clean and install then click maven run button

Graphical user interface, text

Description automatically generated

* Run – Go to terminal on your intellij
* Enter a value manually in the Controller class as shown on the below screenshot

Text

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* Enter mvn spring-boot:run
* Or click the run button on the default toolbar

Graphical user interface, application

Description automatically generated

* Unit Tests – Select a test class to run then Click the run button on the default toolbar

Graphical user interface, website

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There are two tests, their class names are as follows: DispenserServiceTest and dispenserRepositoryTest.

How to test DispenserServiceTest Class:

Copy the value you entered manually in your Controller class, then paste the value in your DispenserServiceTest Class as shown on the below screenshot.

Text

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Then select the class test (DispenserServiceTest) and click run.

Graphical user interface, website

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* Open chrome and paste the following URLs:
* H2 database - <http://localhost:8080/h2>
* Coin dispenser App - <http://localhost:8080/>

The landing page input / textbox is not linked to the backend yet due to the 48hr rule of submission, but to change values you can manually do so in the backend. I entered 67 in the backend and clicked submit see result below.

Graphical user interface, application

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Graphical user interface, text, application

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Text

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