# Getting Started

To get started, import the provided SQL dump into a MySQL instance of your choice. By default, the provided SQL script will dump into a schema called ‘mydb’. You can adjust this in the script if this will cause conflicts or issues. Otherwise, proceed to dump the schema into the application and continue on with the process.

If you haven’t already, ensure the source files are decompressed somewhere on your hard disk.

After the schema is imported, things are ready to go on the MySQL section. To configure the application, browse to the **db/Repository.py** file and change:

self.\_conn = mysql.connector.connect(user='root', password='',

host='127.0.0.1',

database='mydb')

to reflect any credential changes or database changes you might have applied. After this is changed, the application is ready to go and run. You can move onto the next section to learn about how the actual application works.

After that, you’re ready to browse and run the program. Proceed to the next section.

# Running The Application

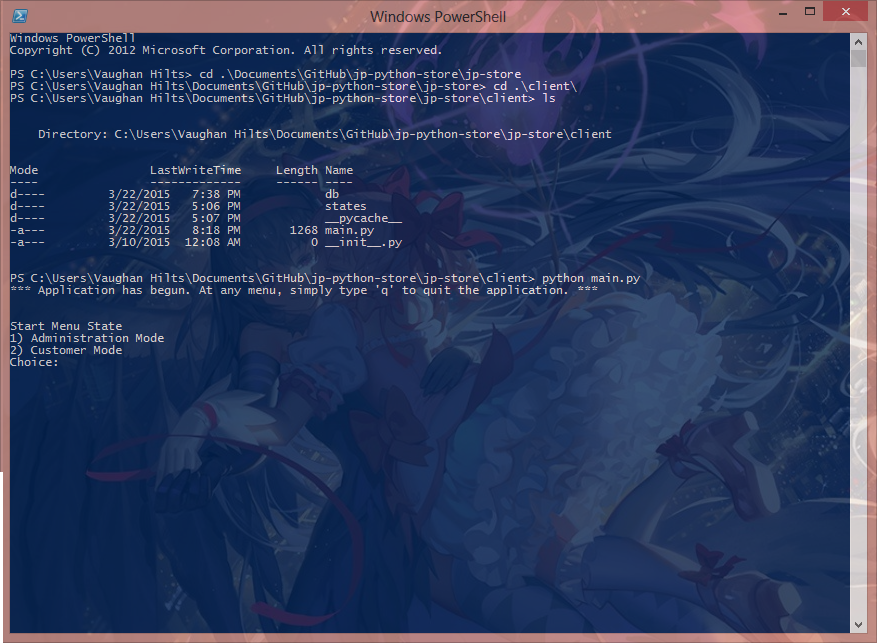


Figure 1 demonstrating how to run jp-store

Invoke the main.py script from the main directory by changing the directory on a command line client that supports python, and run it with the following command.

**PS C:\Users\Vaughan Hilts\Documents\GitHub\jp-python-store\jp-store\client> python main.py**

That’s it! A diagram is included above to demonstrate to show how the directory structure should look and how execution should look if everything is done correctly.

# Navigating The Application

The application works by navigating a set of states and utilizing their menu options. This particular implementation of the application only has 3 distinct states: Home, Customer Menu, and Administrator Menu. In particular, they allow numeric input to execute and navigate. Consider the following menu from initial run:

\*\*\* Application has begun. At any menu, simply type 'q' to quit the application. \*\*\*

Start Menu State

1) Administration Mode

2) Customer Mode

Choice:

From this, you can simply select a numeric option to begin your choices. As indicated, simply press ‘q’ at any time to quit. We’ll **very briefly** go over the menus and their options

## Administration Mode

Admin Menu

1) Back to main

2) Add a new product

3) Update stock for product

4) Increment stock for product

5) Edit Supplier

6) Edit A Product

7) Edit Publisher

* **Back to main.** Provides a way to get back to the start menu, mostly so one can select the customer menu.
* **Add a new product.** Promptsthe user for some values and allows them to enter some new product information into the database.
* **Update stock for product / increment stock for product.** This allows an administrator to edit the stock of their product either via increments or an absolute value.
* **Edit Supplier.** Allows editing of supplier information
* **Edit a product.** Allows editing of a product and the various attributes
* **Edit publisher.** Allows editing of various publisher attributes (primarily, name)

## Customer Menu

Customer Menu

1) Back to main

2) View my Orders

3) Update my Account

4) Check Stock

5) Purchase Items

6) Search

7) Add to Cart

8) See Cart

9) Clear Cart

10) See full product details

* **Back to main.** Provides a way back to the main start menu, similar to admin mode.
* **View my orders.** Allows a particular customer who is logged in to view their orders.
* **Update my account.** Allows the currently logged in user to change stuff, such as their name and address.
* **Check stock.** Allows a user to check the stock of a particular product.
* **Purchase items.** Allows the user to purchase everything inside their cart, it will also clear their cart.
* **Search.** Allows the user to search for products to buy
* **Add to cart.** Allows the user to add some products to their cart
* **See cart.** Allows the user to look at what is currently inside their cart
* **Clear cart.** Allows the user to abandon their and remove everything