Source Code Explanation

Prerequisites

- MySQL must be installed and running.
- There should be a database called `nothing_shop` which contains a table called `products`. (use `db_create.py` to generate a sample table like this)
- The following python modules must be installed:
  - csv
  - mysql-connector-python

The program is divided into smaller modules for better readability and easier management. Here is the file structure:

```
admin.py
boxprint.py
cart.py
customer.py
error_corrector.py
main.py
sql_handler.py
db_create.py
```

`admin.py` and `customer.py` are the different interfaces. `cart.py` is a user defined module used by customer.py for certain functions. `error_corrector.py` is used to make sure all the required modules are installed and that they are working properly before executing the program. `boxprint.py` is a user defined module which is used to display the output neatly in boxes. `sql_handler.py` is used by the python program to communicate with the MySQL database.

`main.py` is where the program starts, it the file that should be executed to start the program.

`db_create.py` is a script to create a sample database for testing.