

Assignment1

[New Attempt](#)

Due Apr 29 by 11:59pm **Points** 15 **Submitting** a file upload

For this assignment you will be writing code that connects to a database and provides a visual Graphical User Interface (GUI) to that database. Your code will be written in such a way as to separate the GUI from the database access. This makes it easier to change out the GUI (i.e. to a Web-based interface) or databases (i.e. to Oracle) at a later. This separation is a very common in bigger coding projects.

The database tables you will use are the Henry Bookstore tables which I have provided.

You have your choice to code this assignment in either Java or Python. There are different sets of instructions depending on your choice (below). The Java version will use JDBC to connect to MySQL and Swing for the GUI. The Python version will use the Python Connector to connect to MySQL and tkinter for the GUI. There will be examples of many of these technologies provided.

Instructions will be provided later as to what needs to be uploaded for submission.

[Java Version PDF](#)

[Python Version PDF](#)