This project will serve as your final exam.

Due Wednesday, May 3rd, 2023 by 11:50AM –No exceptions-

Consider the following two entities:

Publisher(publisher_id, publisher_name)

Book(book_id, publisher_id, book_name, year, price)

Part1:

Task1: Fill in the data dictionary tables.

Data dictionary

Book

Name	Data Type	Allow Null?	Default value?	Primary Key?	Foreign key?
book_id	integer	NO	NO	YES	NO
publisher_id	integer	NO	NO	NO	YES
book_name	text	NO	NO	NO	NO
year	integer	YES	NO	NO	NO
price	real	YES	NO	NO	NO

Publisher

Name	Data Type	Allow Null?	Default value?	Primary Key?	Foreign key?
publisher_id	integer	NO	NO	YES	NO
publisher_name	text	NO	NO	NO	YES

Task2: Write sql code to create the two tables –Book and Publisher-

Task3: Use DB browser to:

- Create a new database **books**
- Execute the queries you created in Task2.
- Write and execute queries to insert data into Publisher and Book table. Limit to five publishers. You can use

textbooks information from courses you had, or currently have.

Part2:

Task4: Use Python to write code to carry the following steps.

- Connect to the books database.
- List the available books.
- Add a new book.
- Update the price of a book.(given a book name)
- Delete a book.

Task5: Creating a UI

- Create a GUI to insert a book: the form should collect data from the user in 'textboxes' –Entry- , should have an insert button to call (add book) function developed earlier, and a clear button to clear 'Entry' in case the user makes mistakes entering the information.
- Create a GUI to update a book price: the user should enter a price for a given book, and update its price; call the update function developed earlier.
- Create a GUI to delete a book. Make sure you call the function developed earlier.