**Modify a Distributed Scalable Database in a Container**

This screenshot shows the Docker desktop with the Cassandra container running on port 9042.

A screenshot of a computer

Description automatically generated

In this screenshot, the "Activity 12.4 - Cassandra" folder is opened in VS Code.

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Then the "write.py" file is added with the required code for creating a keyspace and table.

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This screenshot displays the "write.py" code successfully running in VS Code, creating the keyspace, table, and inserting the four rows into the "book" table.

A screenshot of a computer

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The "read.py" file is shown in this screenshot, which connects to the Cassandra database and selects all books from the "books" keyspace to print their details.

A screenshot of a computer

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The output of the "read.py" code is displayed in this screenshot, showing the four books retrieved from the Cassandra database.

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The cqlsh command is run to connect to the Cassandra container by writing **‘cqlsh”** to the terminal. The cqlsh window in this screenshot shows the successful execution of the INSERT statement, adding the book "Hamlet" to the "book" table in the "books" keyspace.

A screenshot of a computer

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The final screenshot showcases the cqlsh window with the results of the SELECT statement displaying all books in the "books" keyspace, including the newly added book "Hamlet."

A screenshot of a computer

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