**1.** Write a Python program to create a SQLite database and connect with the database and print the version of the SQLite database. 

**2.** Write a Python program to create a SQLite database connection to a database that resides in the memory. 

**3.** Write a Python program to connect a database and create a SQLite table within the database.

**4.** Write a Python program to list the tables of given SQLite database file. 

**5.** Write a Python program to create a table and insert some records in that table. Finally selects all rows from the table and display the records. 

**6.** Write a Python program to insert a list of records into a given SQLite table. 

**7.** Write a Python program to insert values to a table from user input. 

**8.** Write a Python program to count the number of rows of a given SQLite table. 

**9.** Write a Python program to update a specific column value of a given table and select all rows before and after updating the said table. 

**10.** Write a Python program to update all the values of a specific column of a given SQLite table. 

**11.** Write a Python program to delete a specific row from a given SQLite table. 

**12.** Write a Python program to alter a given SQLite table. 

Note: Also do same with MySQL database.