**POPULATING A DATABASE – EXERCISE**

For one of the database designs you completed last week (either the Music, Timetable or Solent Gallery database), do the following:

1. Make sure FOREIGN KEY constraints are enabled by entering the following command

PRAGMA foreign\_keys = ON;

1. Create the tables including all the primary keys, foreign keys and NOT NULL constraints and at least one CHECK constraint.
2. Insert at least 3 valid rows into each table.
3. Write at least 3 update statements to update one or more rows in a table.
4. Write at least 2 delete statements to delete one or more rows in a table.
5. Write INSERT, UPDATE or DELETE statements to test one of the PRIMARY KEY constraints, one of the FOREIGN KEY constraints, one of the NOT NULL constraints and one of the CHECK constraints. The statements should fail if the constraints are working correctly.