

Work from Neil Dickinson from Frome College

I have made a couple of Python programs to introduce concept of SQL databases in Python using SQLite.

On the face of it they may seem heavy ... however most of the stuff is repeated and/or tweaked slightly.

I have not seen much on the internet that does it simpler ... I do not see any reason to use f.open when using SQL (I think) is far simpler and way more efficient to storing and retrieving data. Looking at the new computing controlled assignment specs - SQL is featured quite heavily.

I have attached 2 programs (Friendbook and Film Reviews).

Each program has 2 files ... 1 file is to create the table and the other is the main program. I have also created a (dull!) video tutorial to teach the Film Reviews database - see below (there is a buzzing noise in one of the videos – it's my extractor fan!).

Reading / Writing to a database

Designing the table

<https://www.youtube.com/watch?v=-nu4PscgkJQ>

What the program will look like

<https://www.youtube.com/watch?v=xA0n8f58ZT4>

Creating the table using SQLite3

<https://www.youtube.com/watch?v=MhG4mB4HZQQ>

Making the menu system

<https://www.youtube.com/watch?v=Wu6cFswchBI>

How to add data to a table using SQLite3

<https://www.youtube.com/watch?v=nyfVv3Qc6nQ>

How to retrieve data from a table using SQLite

<https://www.youtube.com/watch?v=0u2igACMGJQ>

How to filter data from a table using SQLite

<https://www.youtube.com/watch?v=k7ZYOQMYW5I>

Please acknowledge Neil if you use this work in any way.