

SQLite, Chrome with JAvascript-based Database Editor "JADE"

CS3200 Database design (fa18 s2)

<https://northeastern-datalab.github.io/cs3200/>

Version 9/6/2018

Overview

- We recommend that you use SQLite with Firefox
- This document provides an alternative approach by using Google Chrome

Link to the Chrome app Javascript based Database Editor (JADE)–

<https://chrome.google.com/webstore/detail/javascript-based-database/bponbdjkefbmgkfiiphhabghkkfocook?hl=en>

Pops up as below

Javascript based Database Editor
offered by [Sunny Goyal](#)
★★★★★ (57) | [Extensions](#) | 8,061 users

OVERVIEW | REVIEWS | RELATED

Compatible with your device

A GUI client for local SQLite databases

A web based GUI client for SQLite.

Features:

- Manage any SQLite database on your computer
- Edit and run SQL queries with full syntax highlighting support
- Browse and search the tables, as well as add, edit and delete records
- Helpful views to manage tables, indexes, views and triggers
- Preview blob images inline
- Import and export tables or DB as SQL file

[Website](#)
[Report Abuse](#)

Additional Information
Version: 1.1
Updated: October 2, 2015
Size: 2.46MIB

Package	iconResource	icon	uri	displayMode	modified	restored	profileid	rank	option
sample.db					1437435636...	0	0	0	0
					1437548598...	0	0	0	0
		[Blob: 1464...			48601...	0	0	0	0
		[Blob: 14640 (png)			48604...	0	0	0	0
					48606...	0	0	0	0
					49107...	0	0	0	0
					1437549566...	0	0	0	0
					1437549571...	0	0	0	0
		[Blob: 1987...			1437549574...	0	0	0	0
		[Blob: 1377...			1437549577...	0	0	0	0
		[Blob: 2488...			1437549580...	0	0	0	0

Click on 'ADD TO CHROME'



Javascript based Database Editor

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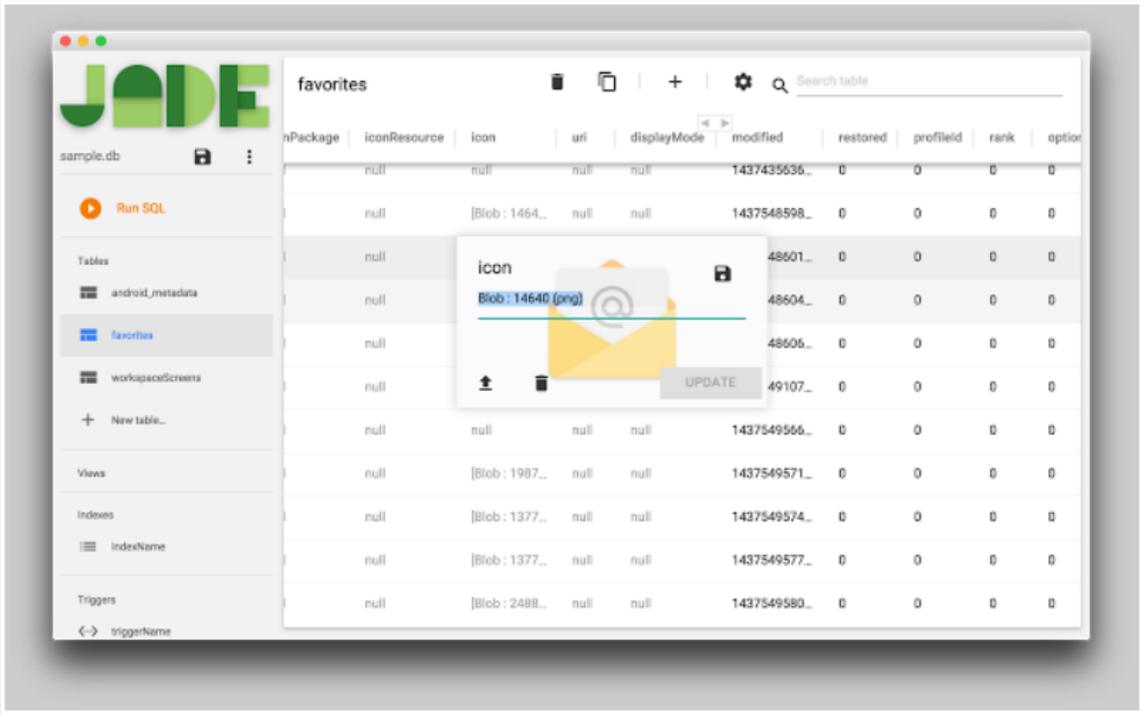
+ ADD TO CHROME

OVERVIEW

REVIEWS

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The screenshot shows the Jade database editor interface. On the left, there is a sidebar with a 'Run SQL' button and a list of tables including 'android_metadata', 'favorites', and 'workspaceScreens'. The main area displays a table with columns: nPackage, iconResource, icon, uri, displayMode, modified, restored, profileid, rank, and options. A modal window is open over the 'icon' column, showing a preview of a blob image and an 'UPDATE' button.

nPackage	iconResource	icon	uri	displayMode	modified	restored	profileid	rank	options
null	null	null	null	null	1437435636...	0	0	0	0
null	null	[Blob : 1464...	null	null	1437548598...	0	0	0	0
null	null	[Blob : 1464...	null	null	48601...	0	0	0	0
null	null	[Blob : 1464...	null	null	48604...	0	0	0	0
null	null	[Blob : 1464...	null	null	48606...	0	0	0	0
null	null	[Blob : 1464...	null	null	49107...	0	0	0	0
null	null	null	null	null	1437549566...	0	0	0	0
null	null	[Blob : 1987...	null	null	1437549571...	0	0	0	0
null	null	[Blob : 1377...	null	null	1437549574...	0	0	0	0
null	null	[Blob : 1377...	null	null	1437549577...	0	0	0	0
null	null	[Blob : 2488...	null	null	1437549580...	0	0	0	0

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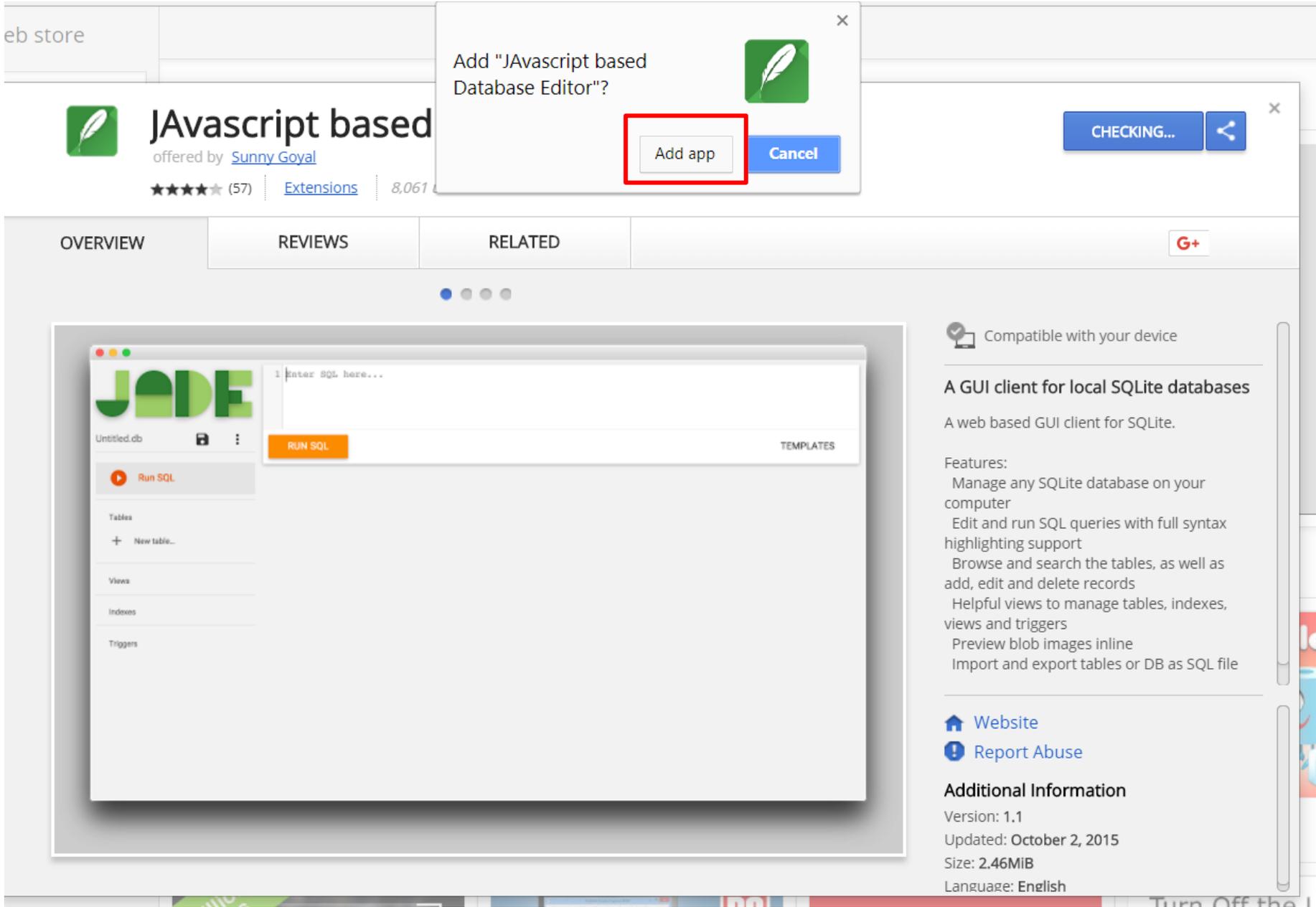
Features:

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- Browse and search the tables, as well as add, edit and delete records
- Helpful views to manage tables, indexes, views and triggers
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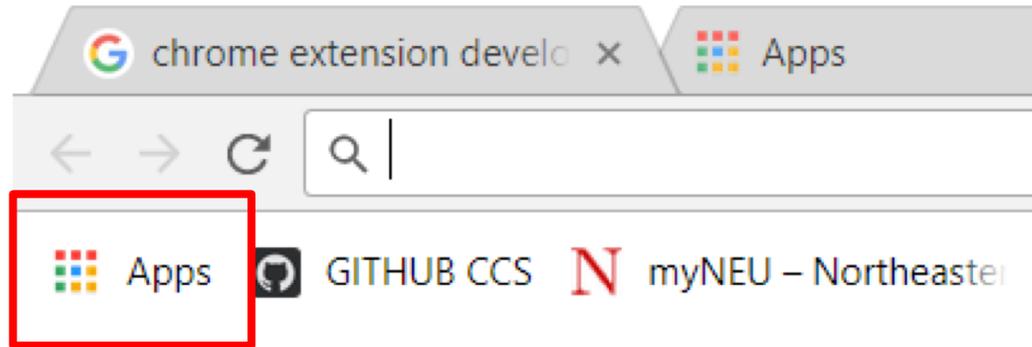


Click on 'Add app'

The App will get added in Chrome Browser

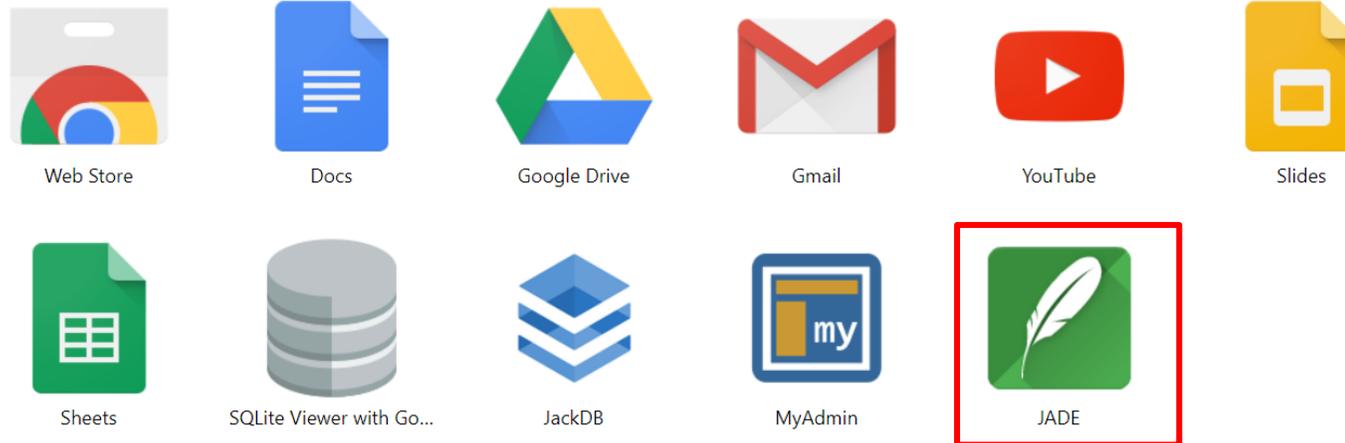
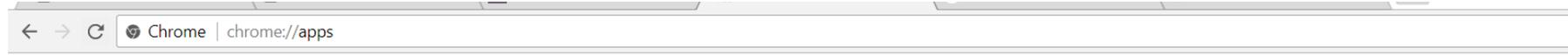
After the extension is added go to Chrome Apps via - <chrome://apps/>

OR



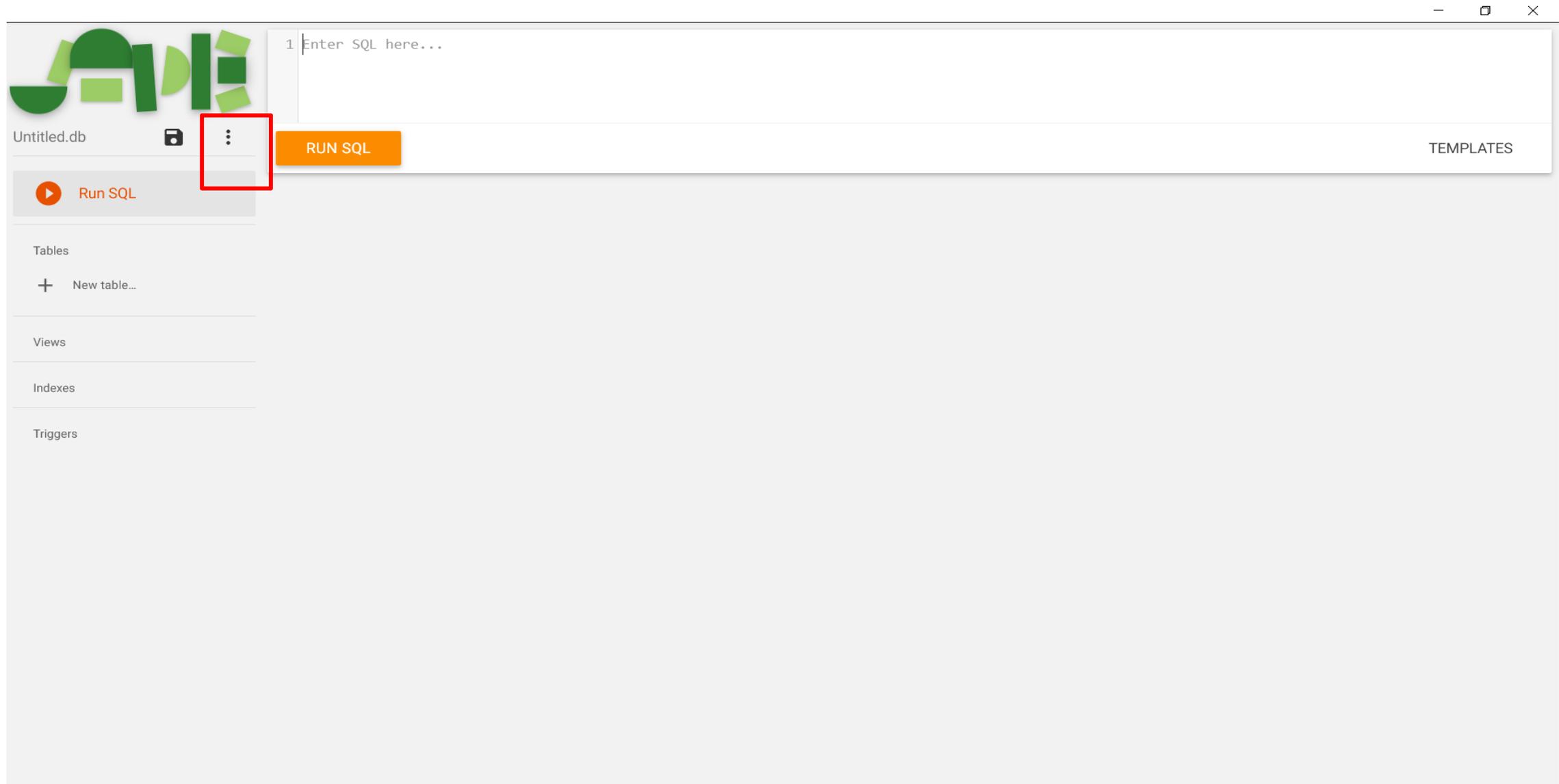
Click on 'Apps' on your browser

App page opens as below



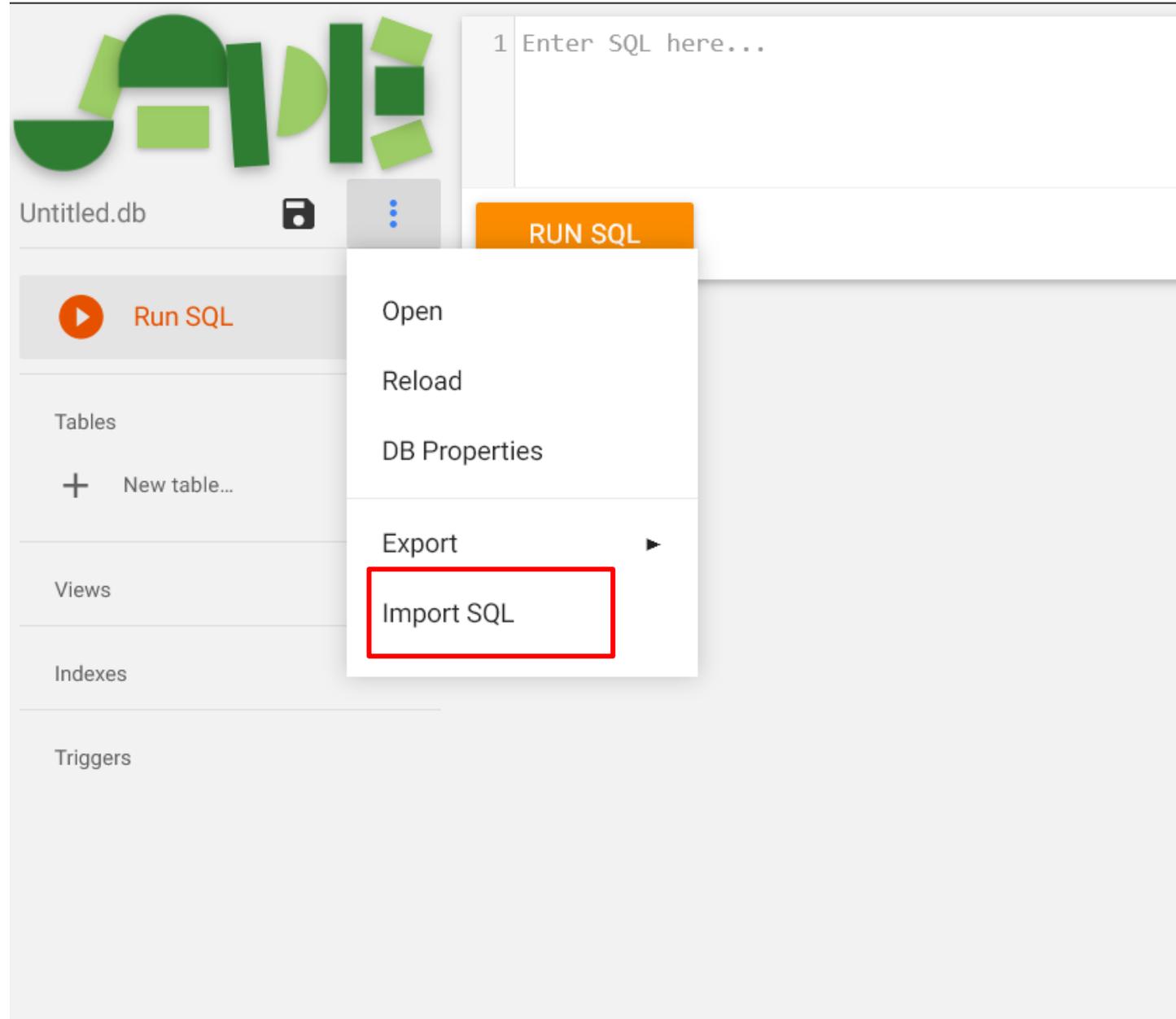
Click on JADE

JADE App opens as below



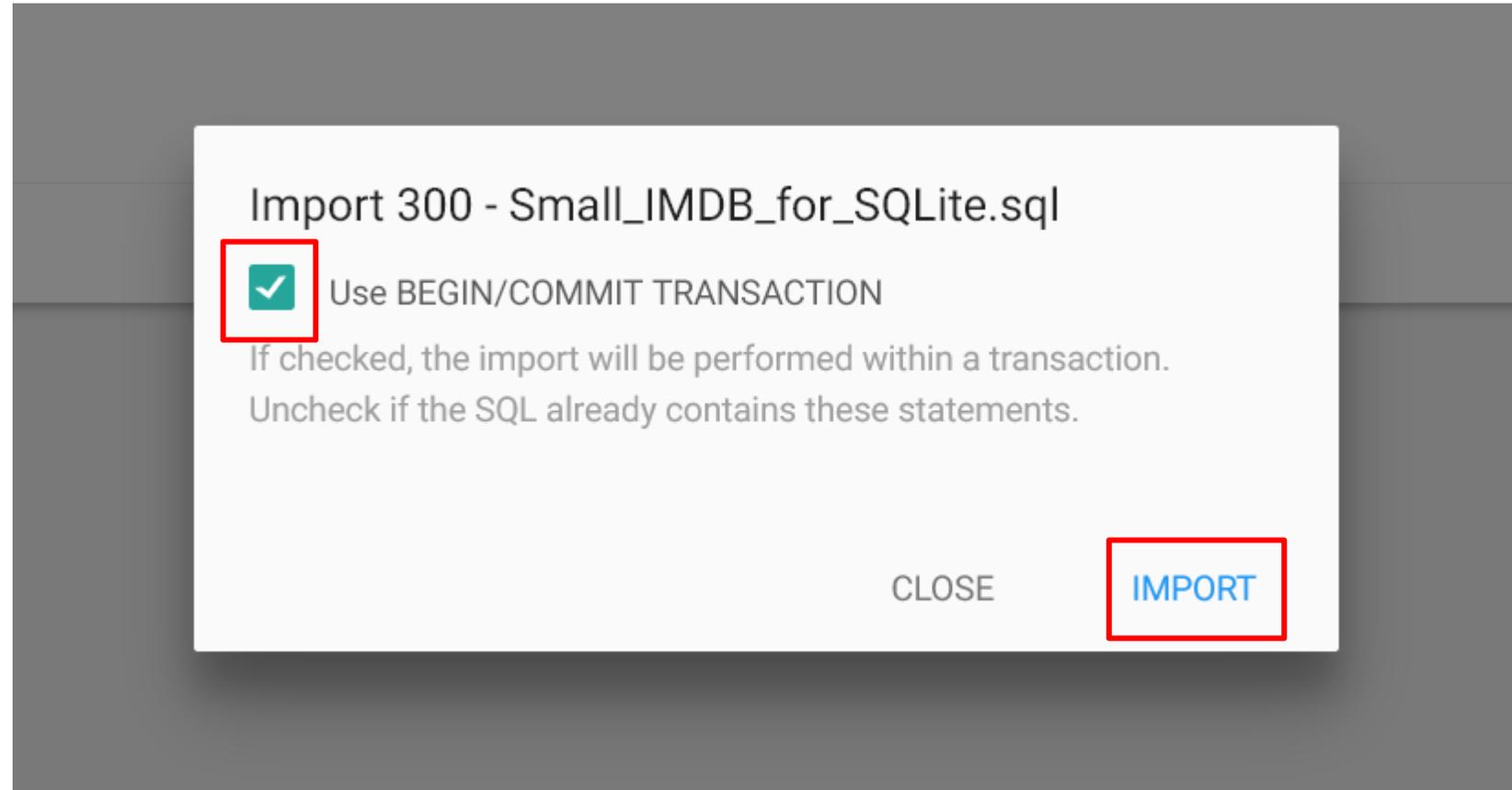
Click on the “more options” symbol

Click on “Import SQL”



Browse and select the sql file downloaded from the course page –
300 - Small_IMDB_for_SQLite.sql

Check the check box and click in 'IMPORT'



Enter your SQL queries here and click 'Run SQL' button to execute

The screenshot shows the JADE web interface. At the top left is the JADE logo. Below it, the file name 'Untitled.db' is displayed. A central text input field contains the placeholder text '1 Enter SQL here...'. Below this field is an orange 'RUN SQL' button. To the right of the input field is a 'TEMPLATES' button. On the left side, there is a sidebar with a 'Run SQL' button and a list of tables: Actor, Director, Director_genre, Movie, Movie_director, Movie_genre, and Cast. At the bottom of the sidebar is a '+ New table...' option. The main area below the input field and buttons is a large grey area where the text '7 tables are seen here' is displayed. On the right side of this area, there is a text instruction: 'Click on templates for syntax hints'.

```
1 select * from movie where name like '%Bill%';
```

RUN SQL

id	name	year	rank
176711	Kill Bill: Vol. 1	2003	8.4
176712	Kill Bill: Vol. 2	2004	8.2

Query results displayed as above