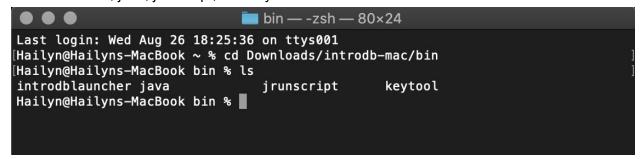
Instructions to Run Intro to Databases Visualization on MacOS Catalina [10.15.6]

- 1. Download the introdb zip folder
- 2. Extract the folder's contents

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iCloud iCloud Drive				Quick Look "introdb-mac.zi Share Quick Actions	o″ ►
Tags Blue Red	📕 Macintosh HD) > 🛅 Users > 👘 Hailyn >	💽 Downl	Copy "introdb-mac.zip" Import from iPhone	•
		1 of 9 selected, 151.6	9 GB avail	Use Groups	

3. Open a Terminal window and navigate to the extracted folder's bin containing four files: introdblauncher, java, jrunscript, and keytool



4. In the Terminal window for each of these four files, type: "chmod 700 <filename>"

a. This changes the files to an executable so that introdblauncher will run

$\textcircled{\bullet} \bullet \bullet$	🖿 bin — -zsh — 80×24
Last login: Wed Aug 26 [Hailvn@Hailvns-MacBook	18:25:36 on ttys001 ~ % cd Downloads/introdb-mac/bin
[Hailyn@Hailyns-MacBook introdblauncher java	bin % ls
[Hailyn@Hailyns-MacBook [Hailyn@Hailyns-MacBook	bin % chmod 700 introdblauncher bin % chmod 700 java
[Hailyn@Hailyns-MacBook	bin % chmod 700 jrunscript bin % chmod 700 keytool
Hailyn@Hailyns-MacBook	

- 5. Open System Preferences, navigate to Security & Privacy, and click on the "General" tab
- 6. Click on the small lock in the lower left corner and type in your password to allow changes

$\bullet \bullet \bullet$		Security & I	Privacy	Q Search
	G	eneral FileVault	Firewall Privacy	
	A login password has	been set for this user	Change Password.	
	Require passwere Show a message Disable automa	ge when the screen is	after sleep or screen	
	Allow apps downloade	d from:		
	App StoreApp Store and	identified developers		
CI	ick the lock to make ch	anges.		Advanced ?

7. In a Finder window, navigate to the bin folder containing the four now executable files, and double click on introdblauncher

	in 📰 🗸 🕹		Q Search	
exec	exec	exec	exec	
introdblauncher	java	jrunscript	keytool	
Macintosh HD >	🛅 Users > 偝 Hailyn > 🛅 I	Downloads > 🛅 introdb-	mac > 💼 bin	

- 8. Whenever you get a warning with the option to open a file, always click on open. Keep trying to run introdblauncher until all files necessary have been allowed to be opened
 - a. Check the System Preferences window after each attempted launch and allow the files trying to be opened
 - b. If you are prompted to move a file to the trash, click on cancel
 - i. Examples are shown below
 - c. Close any introdblauncher Terminal windows that pop up as long as the program doesn't run
 - d. Eventually, the visualization will open

Possible warnings you may receive:

	macOS cannot verify the developer of "java". Are you sure you want to open it? By opening this app, you will be overriding system security which can expose your computer and personal information to malware that may harm your Mac or compromise your privacy.	
	Firefox downloaded this file today at 1:07 PM from	
?	databasesmanymajors.faculty.asu.edu Move to Trash Open Cancel	
	"libprism_es2.dylib" cannot be opened because the developer cannot be verified.	
	macOS cannot verify that this app is free from malware.	
	Firefox downloaded this file today at 1:07 PM from databasesmanymajors.faculty.asu.edu.	
?	Move to Trash Cancel	
2		
	"libprism_sw.dylib" cannot be opened because the developer cannot be verified.	
	macOS cannot verify that this app is free from malware.	
	Firefox downloaded this file today at 1:07 PM from databasesmanymajors.faculty.asu.edu.	
?	Move to Trash Cancel	
Allow ar	ops downloaded from:	
_	App Store	
	App Store and identified developers	
	n_sw.dylib" was blocked from use because it is not from an	Allow Anyway
Identifie	ed developer.	

Allow apps downloaded from:

App Store

• App Store and identified developers

"libjavafx_font.dylib" was blocked from use because it is not from an identified developer.

Allow Anyway

But always allow and don't put any files in the trash.