

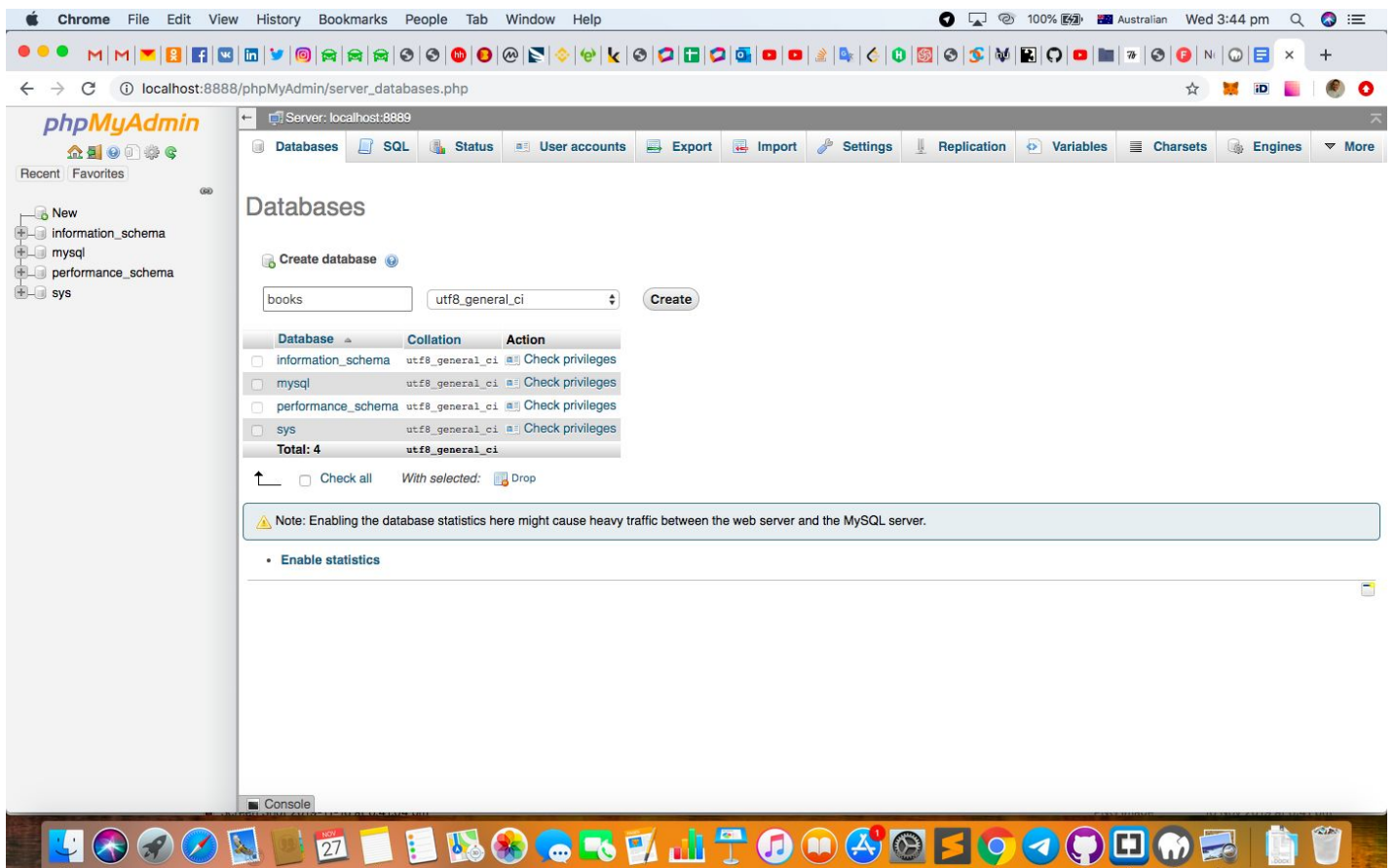
Assessment Task Instructions and Feedback Form *(non-graded)*

Task Instructions and Student Work

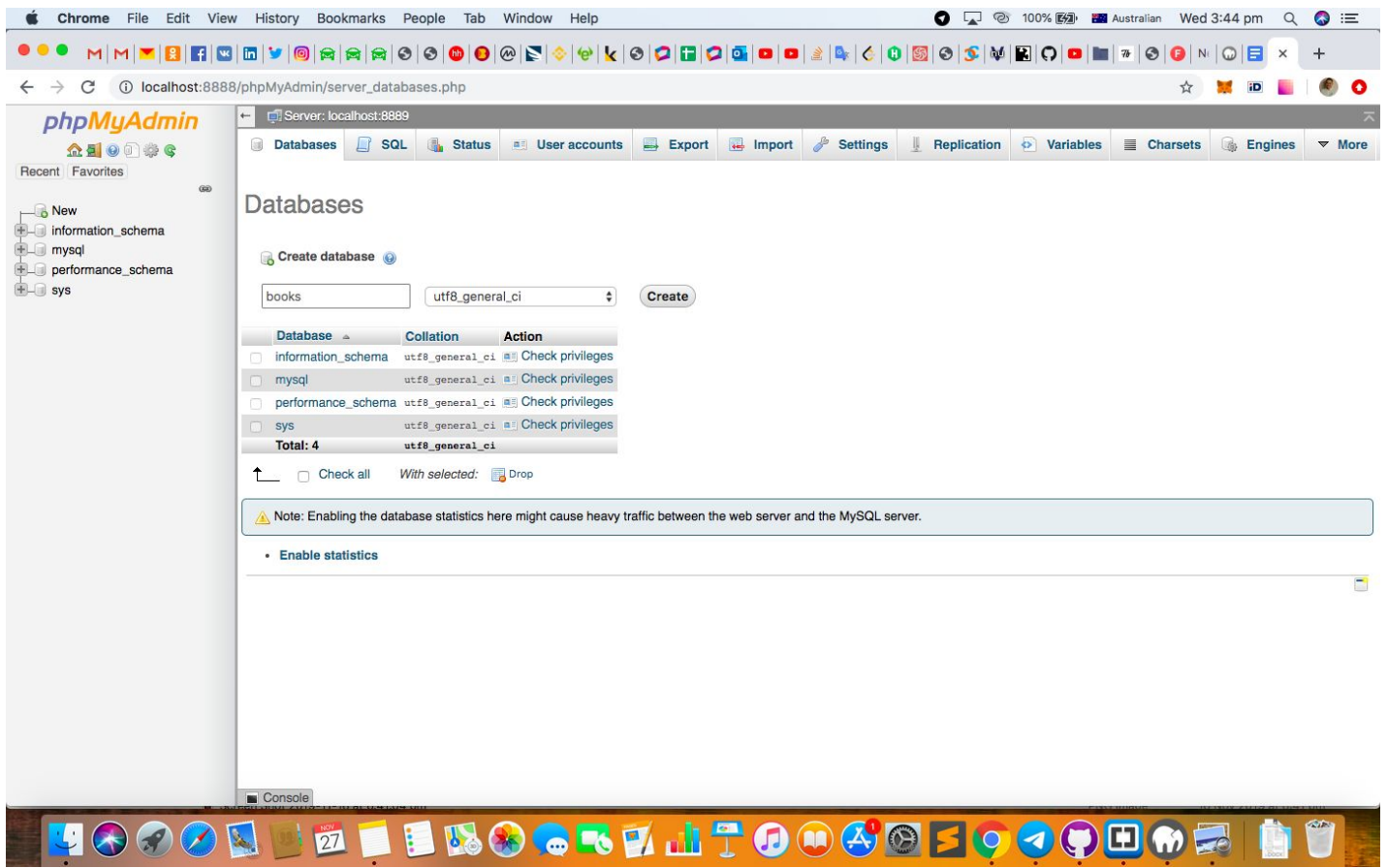
Students are required to accomplish their task professionally and in allocated time. This project requires students to work individual, however they can discuss the contents of the website with their team. It is their responsibility to inform the teacher if they need any extra time to accomplish this task.

Task 1. Students are required to create SQL File/script to do the following:

- a. Create one database called books



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- b. Create user 'user3'@'localhost' password 'Password01' and GRANT him permissions like SELECT, INSERT, UPDATE and DELETE.

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phpMyAdmin

Server: localhost:8889

Databases SQL Status User accounts Export Import Settings Replication Variables Charsets Engines More

Add user account

Login Information

User name: Use text field: user3

Host name: Any host: %

Password: Use text field: ***** Strength: Very weak

Re-type: *****

Authentication Plugin: Native MySQL authentication

Generate password: Generate

Database for user account

☐ Create database with same name and grant all privileges.

☐ Grant all privileges on wildcard name (username_%).

Global privileges ☐ Check all

Note: MySQL privilege names are expressed in English.

☐ Data ☐ Structure ☐ Administration ☐ Resource limits

Console

phpMyAdmin

Server: localhost:8889

Databases SQL Status User accounts Export Import Settings Replication Variables Charsets Engines More

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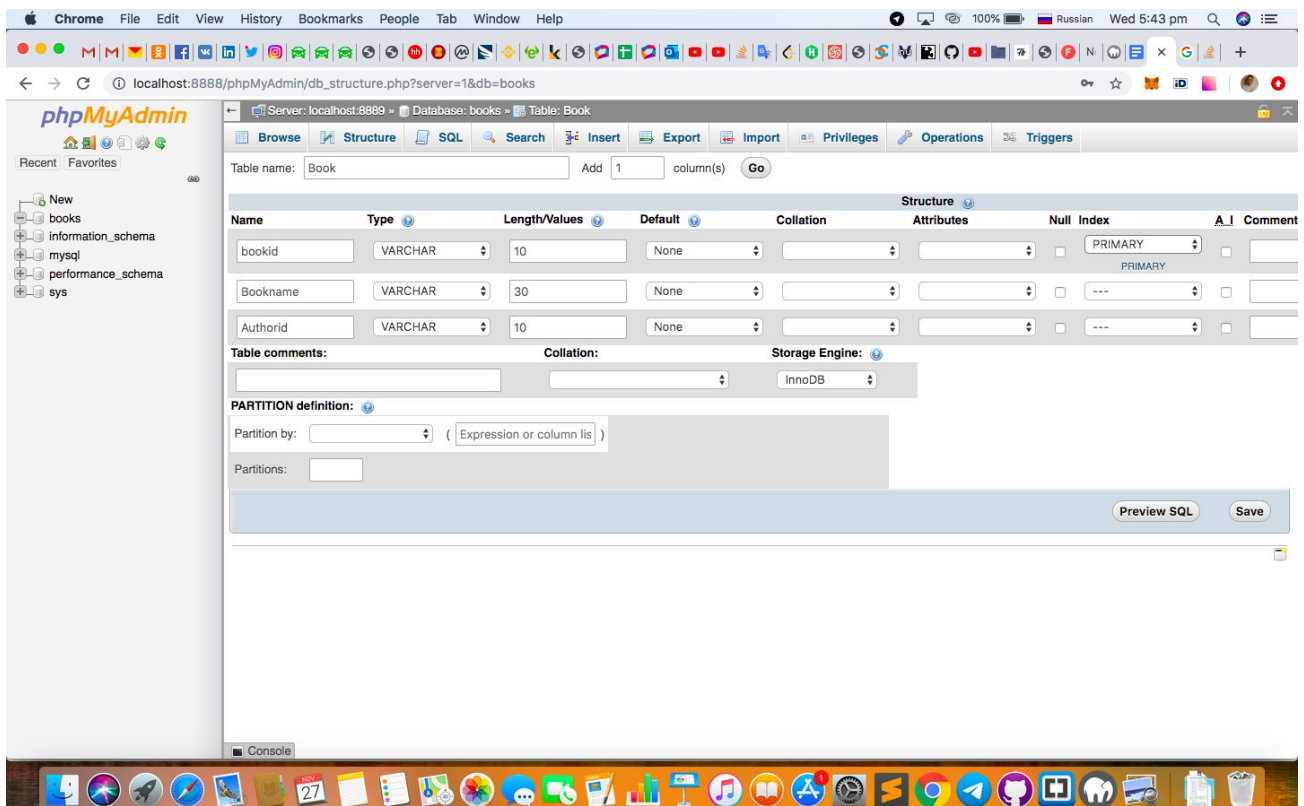
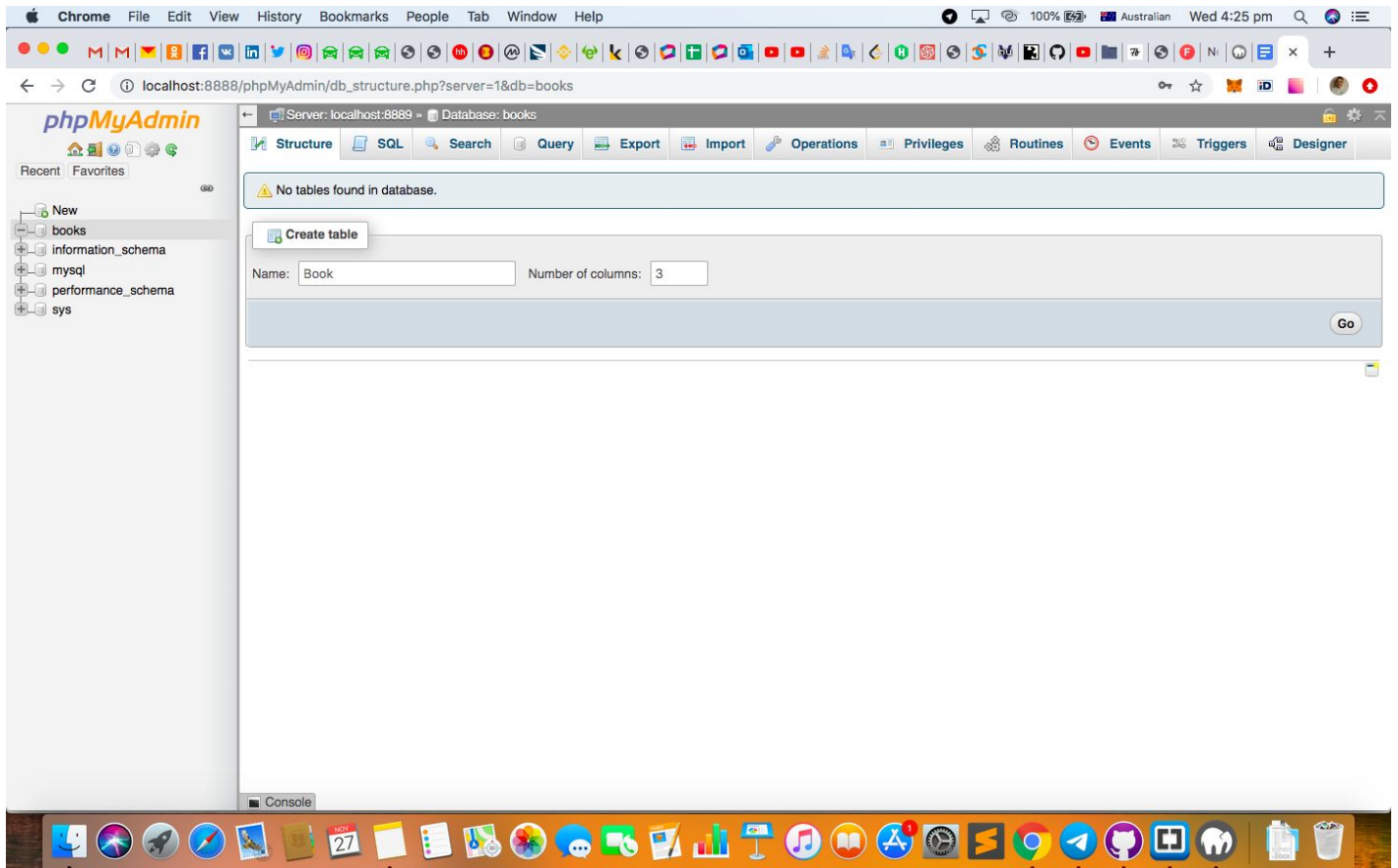
☒ Data ☐ Structure ☐ Administration ☐ Resource limits

Console

- c. CREATE TABLE Book as under (bookid, Bookname and Authorid are three fields in this table):
- bookid VARCHAR(10) PRIMARY KEY,
 - Bookname VARCHAR(30),

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iii. Authorid VARCHAR(10)

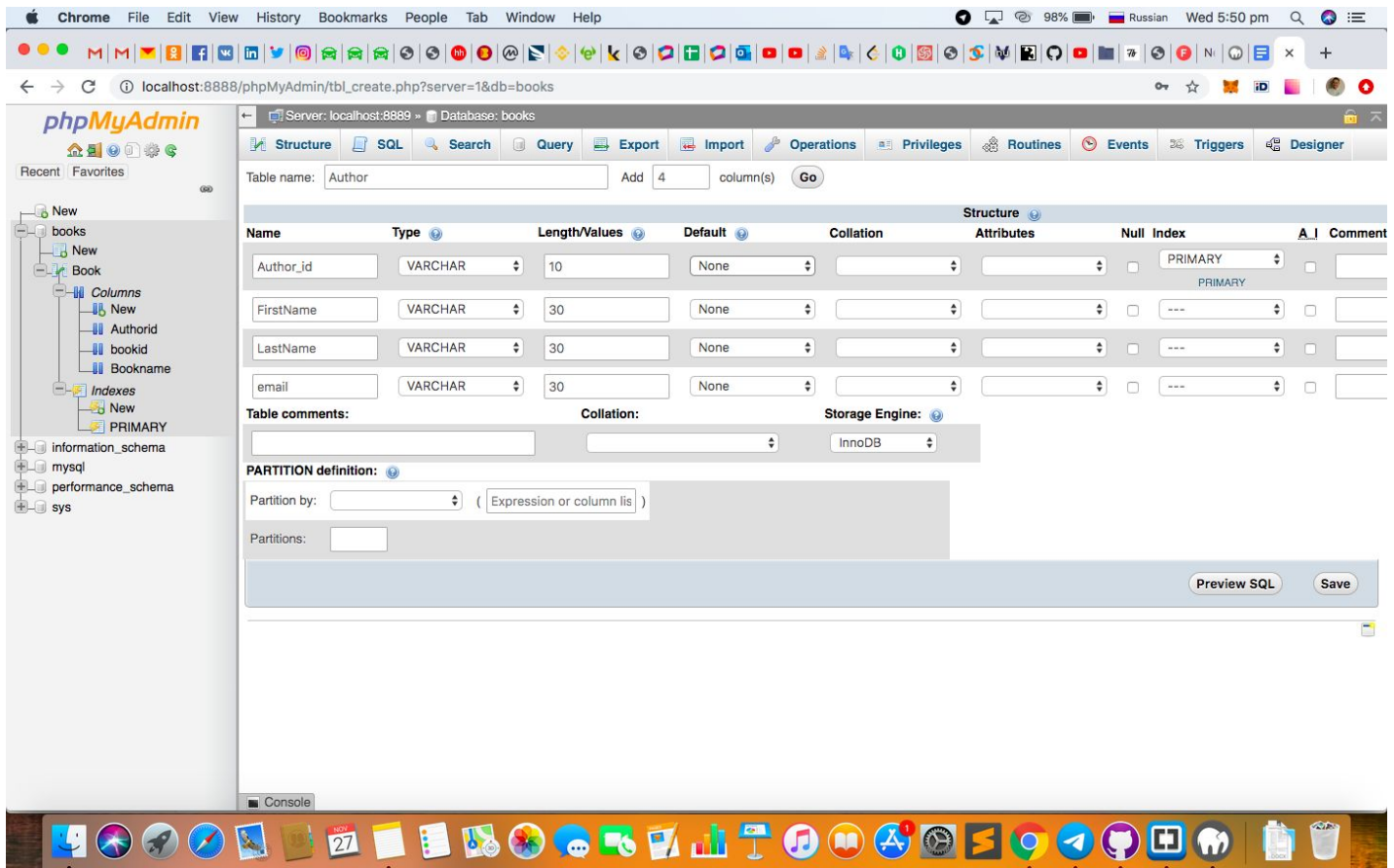


d. CREATE TABLE Author as under (Author_id, FirstName, LastName and email are fields):

- Author_id VARCHAR(10) PRIMARY KEY,
- FirstName VARCHAR(30),

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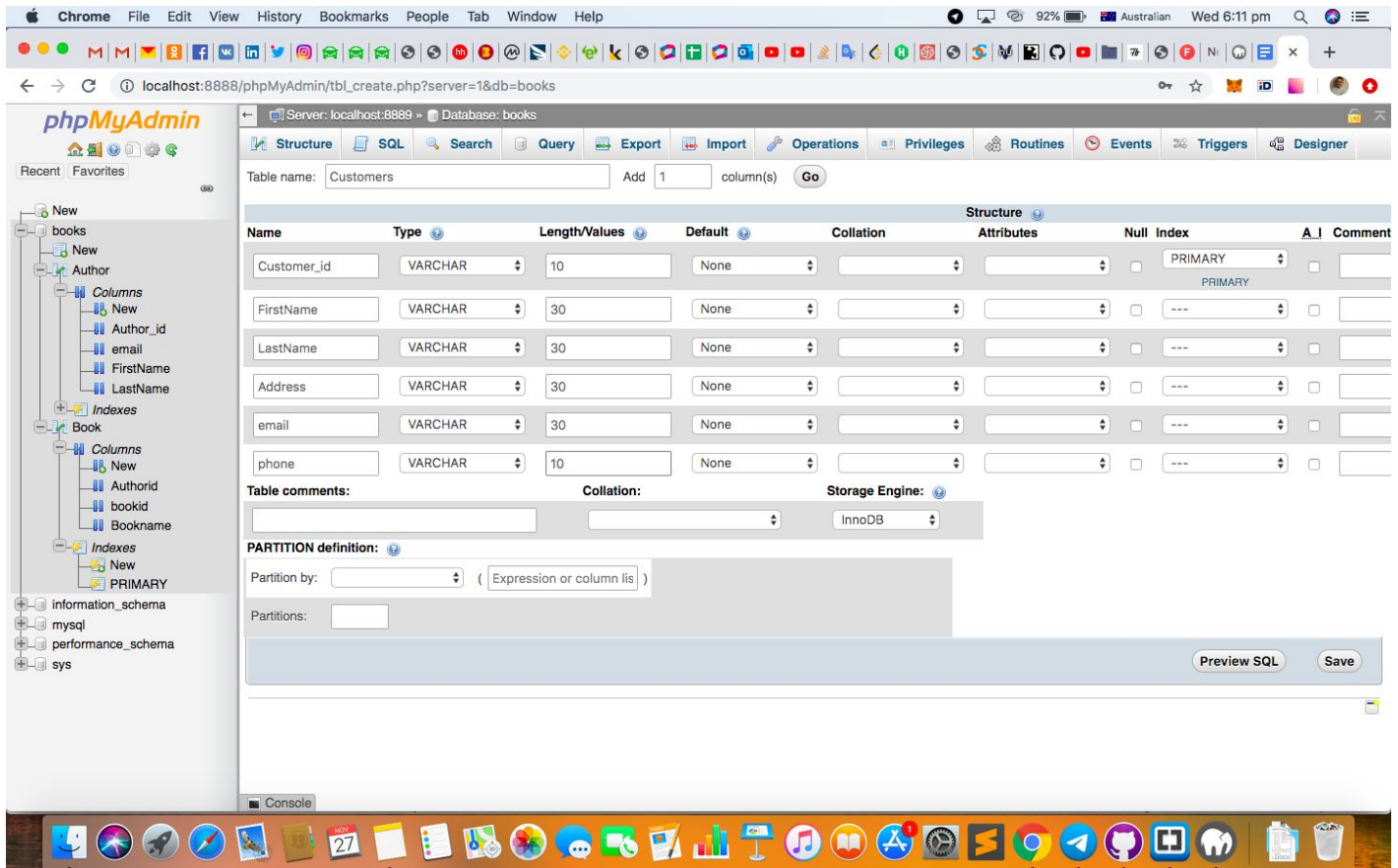
- iii. LastName VARCHAR(30),
- iv. email VARCHAR(30),



- e. CREATE TABLE Customers as under (Customer_id, FirstName, LastName, email and phone are fields):
 - i. Customer_id VARCHAR(10) PRIMARY KEY,
 - ii. FirstName VARCHAR(30),

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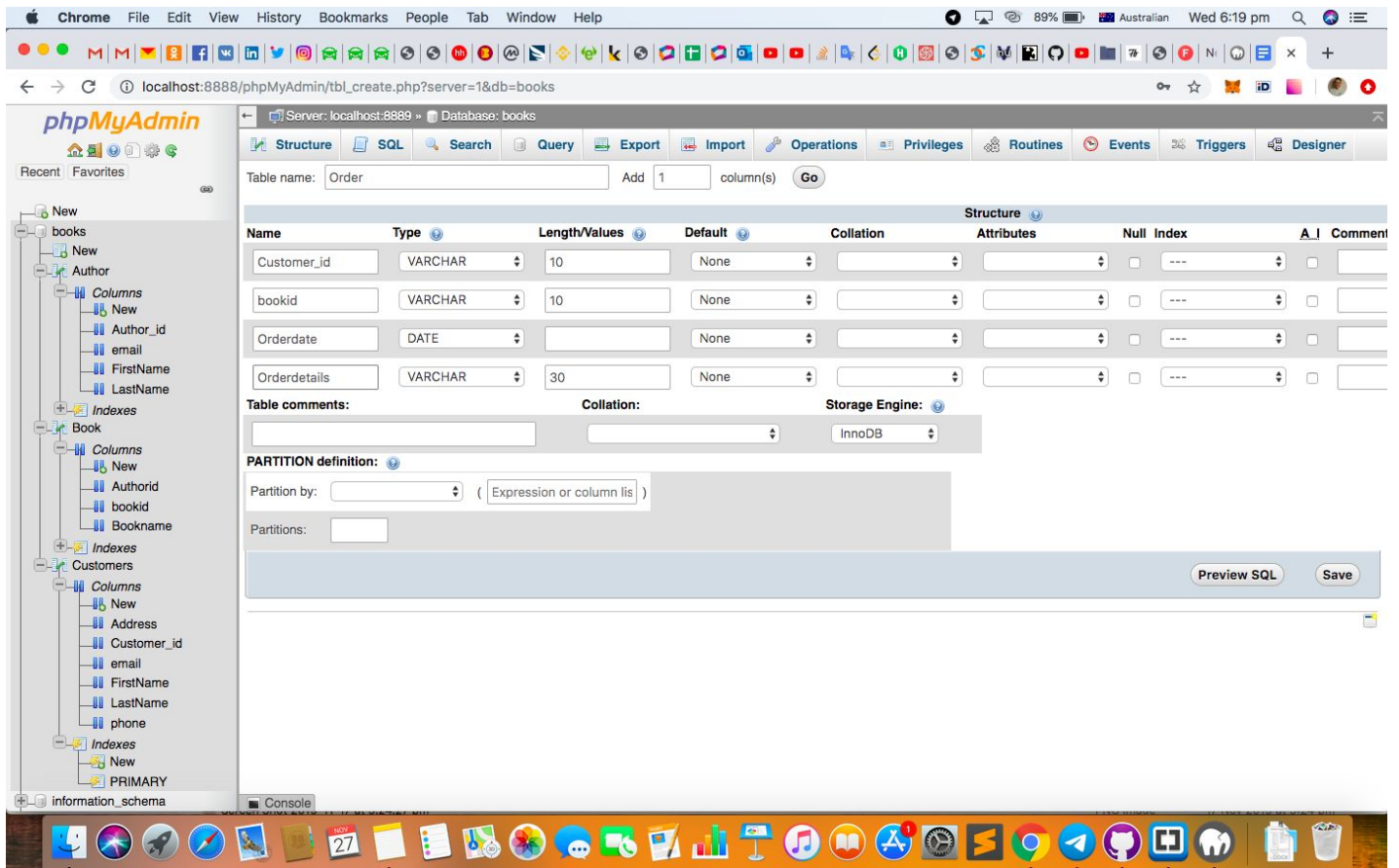
- iii. LastName VARCHAR(30),
- iv. Address VARCHAR(30),
- v. email VARCHAR(30),
- vi. phone VARCHAR(10),



- f. CREATE TABLE Order as under (Customer_id, FirstName, LastName, email and phone are fields):
 - i. Customer_id VARCHAR(10),
 - ii. bookid VARCHAR(10)

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- iii. Orderdate DATE,
- iv. Order details VARCHAR(30),



- g. ALTER TABLE Order ADD PRIMARY KEY Customer_id,bookid and link it with customers and book (Books database) as under:
(Customer_id) REFERENCES Customers(Customer_id);
(bookid) REFERENCES Book(bookid);

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The screenshot shows the phpMyAdmin interface with the 'Order' table selected. A success message indicates the SQL query was executed successfully. The query is: `ALTER TABLE `Order` DROP PRIMARY KEY, ADD PRIMARY KEY(`Customer_id`, `bookid`);`

The 'Table structure' tab is active, showing the following table structure:

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	Customer_id	varchar(10)	utf8_general_ci		No	None			Change Drop More
2	bookid	varchar(10)	utf8_general_ci		No	None			Change Drop More
3	Orderdate	date			No	None			Change Drop More
4	Orderdetails	varchar(30)	utf8_general_ci		No	None			Change Drop More

The 'Indexes' tab shows a PRIMARY index on Customer_id and bookid.

The screenshot shows the phpMyAdmin interface with the 'Order' table selected. A success message indicates the SQL query was executed successfully. The query is: `ALTER TABLE `Order` ADD FOREIGN KEY (`bookid`) REFERENCES `Book` (`bookid`) ON DELETE RESTRICT ON UPDATE RESTRICT;`

The 'Relation view' tab is active, showing the foreign key constraints for the 'Order' table:

Actions	Constraint properties	Column	Foreign key constraint (INNODB)
		Database	Table
Drop	order_ibfk_1	Customer_id	books Customers Customer_id
Drop	order_ibfk_2	bookid	books Book bookid

The 'Indexes' tab shows the PRIMARY index on Customer_id and bookid.

- h. ALTER TABLE Book ADD FOREIGN KEY Author_id and link it with Authorid of Author (Books database) as under:
 - i. (Authorid) REFERENCES Author(Author_id);

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The screenshot shows the phpMyAdmin interface for a database named 'books'. The 'Table: Book' is selected. The 'Structure' tab is active, displaying the table's columns: bookid, Author_id, and Bookname. The 'Foreign key constraints' section shows a constraint named 'book_ibfk_1' that links the 'bookid' column in the 'books' database to the 'Author_id' column in the 'Author' table. The constraint properties are set to 'ON DELETE RESTRICT' and 'ON UPDATE RESTRICT'. The 'Indexes' section shows a primary index on the 'bookid' column.

Server: localhost:8889 - Database: books - Table: Book

Your SQL query has been executed successfully.

```
ALTER TABLE `Book` ADD FOREIGN KEY (`bookid`) REFERENCES `Author` (`Author_id`) ON DELETE RESTRICT ON UPDATE RESTRICT;
```

[Edit inline] [Edit] [Create PHP code]

Table structure Relation view

Foreign key constraints

Actions	Constraint properties	Column	Foreign key constraint (INNODB)
Drop	book_ibfk_1	bookid	Database: books Table: Author Column: Author_id
	ON DELETE RESTRICT ON UPDATE RESTRICT		
	Constraint name		
	ON DELETE RESTRICT ON UPDATE RESTRICT		

+ Add constraint

Preview SQL Save

Indexes

Action	Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
Edit Drop	PRIMARY	BTREE	Yes	No	bookid	0	A	No	

Create an index on 1 columns Go

i. Insert at least four records in all tables

The screenshot shows the phpMyAdmin interface for the 'Author' table. The 'Table: Author' is selected. The 'SQL' tab is active, displaying the query 'SELECT * FROM `Author`'. The results show 4 rows of data. The columns are Author_id, FirstName, LastName, and email. The data is as follows:

Author_id	FirstName	LastName	email
1	Vikram	Behal	vbehal@kangan.edu.au
2	Vikram	Behal	vbehal@kangan.edu.au
3	Vikram	Behal	vbehal@kangan.edu.au
4	Vikram	Behal	vbehal@kangan.edu.au

Server: localhost:8889 - Database: books - Table: Author

Showing rows 0 - 3 (4 total, Query took 0.0003 seconds.)

```
SELECT * FROM `Author`
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

	Author_id	FirstName	LastName	email
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	1	Vikram	Behal	vbehal@kangan.edu.au
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	2	Vikram	Behal	vbehal@kangan.edu.au
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	3	Vikram	Behal	vbehal@kangan.edu.au
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	4	Vikram	Behal	vbehal@kangan.edu.au

Check all With selected: Edit Copy Delete Export

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Query results operations

Print Copy to clipboard Export Display chart Create view

Assessment Task Instructions and Feedback Form (non-graded)

The screenshot shows the phpMyAdmin interface for a database named 'books'. The 'Table: Book' is selected. The interface displays the table structure with columns: bookid, Bookname, and Authorid. The 'Book' table has 4 rows of data:

bookid	Bookname	Authorid
1	Assessment Item 1	1
2	Assessment Item 2	2
3	Assessment Item 3	3
4	Assessment Item 4	4

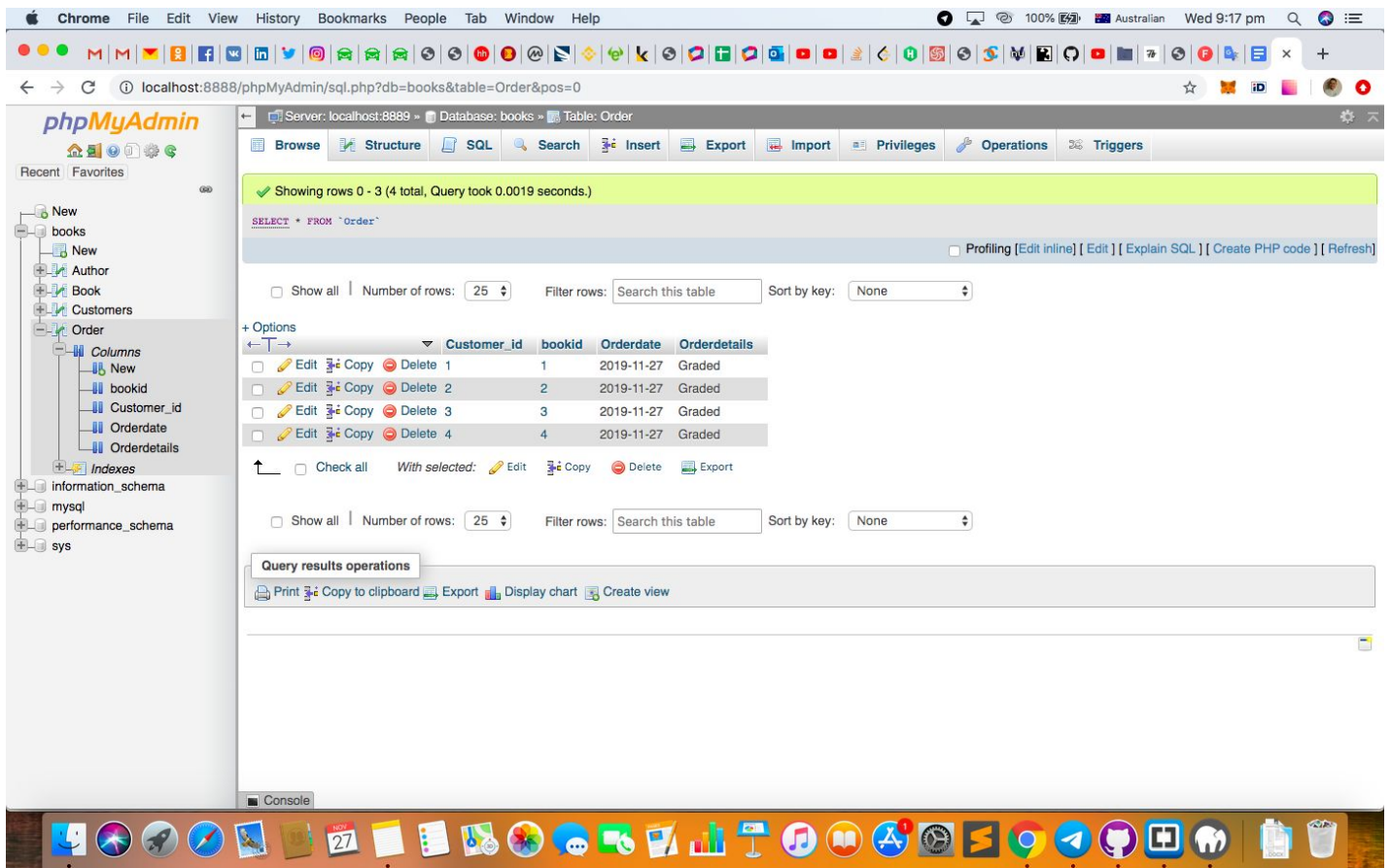
The interface also shows the 'Customers' table structure with columns: Customer_id, Address, email, and phone. The 'Customers' table has 4 rows of data:

Customer_id	Address	email	phone
1	Oleg Gribanov Bendigo	veryfatwombat@gmail.com	0427075009
2	Oleg Gribanov Bendigo	veryfatwombat@gmail.com	0427075009
3	Oleg Gribanov Bendigo	veryfatwombat@gmail.com	0427075009
4	Oleg Gribanov Bendigo	veryfatwombat@gmail.com	0427075009

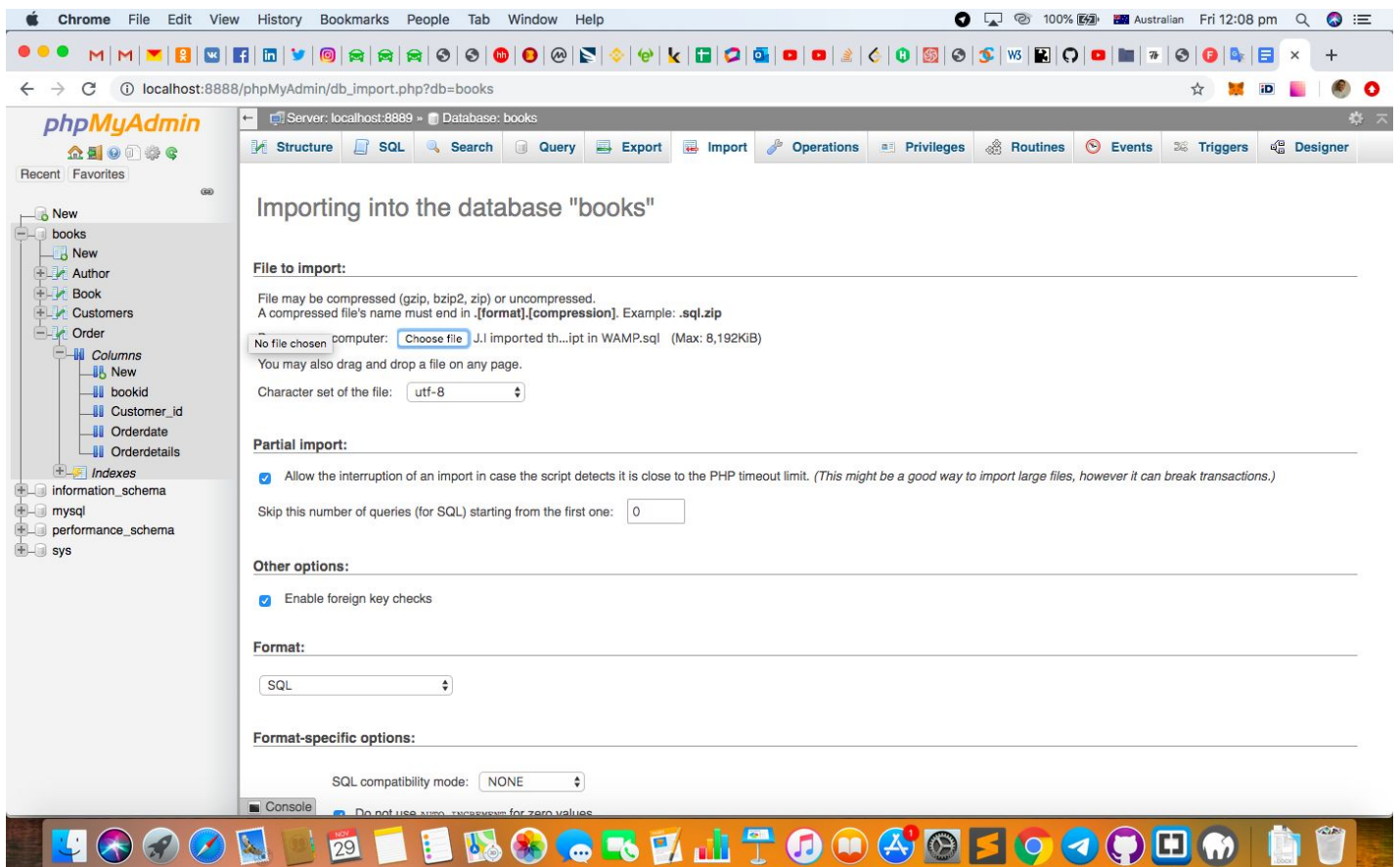
The screenshot shows the phpMyAdmin interface for a database named 'books'. The 'Table: Customers' is selected. The interface displays the table structure with columns: Customer_id, Address, email, and phone. The 'Customers' table has 4 rows of data:

Customer_id	Address	email	phone
1	Oleg Gribanov Bendigo	veryfatwombat@gmail.com	0427075009
2	Oleg Gribanov Bendigo	veryfatwombat@gmail.com	0427075009
3	Oleg Gribanov Bendigo	veryfatwombat@gmail.com	0427075009
4	Oleg Gribanov Bendigo	veryfatwombat@gmail.com	0427075009

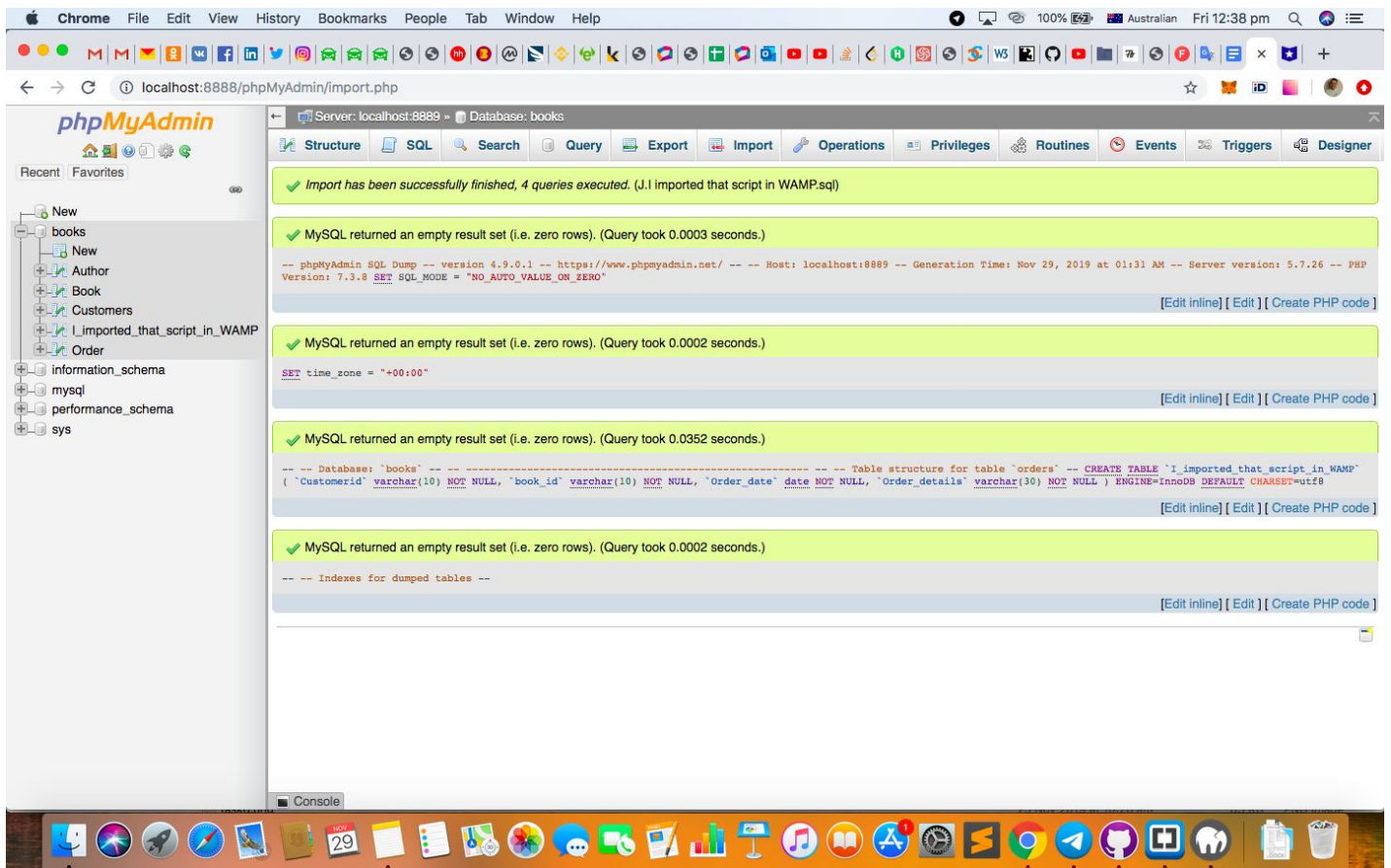
Assessment Task Instructions and Feedback Form (non-graded)



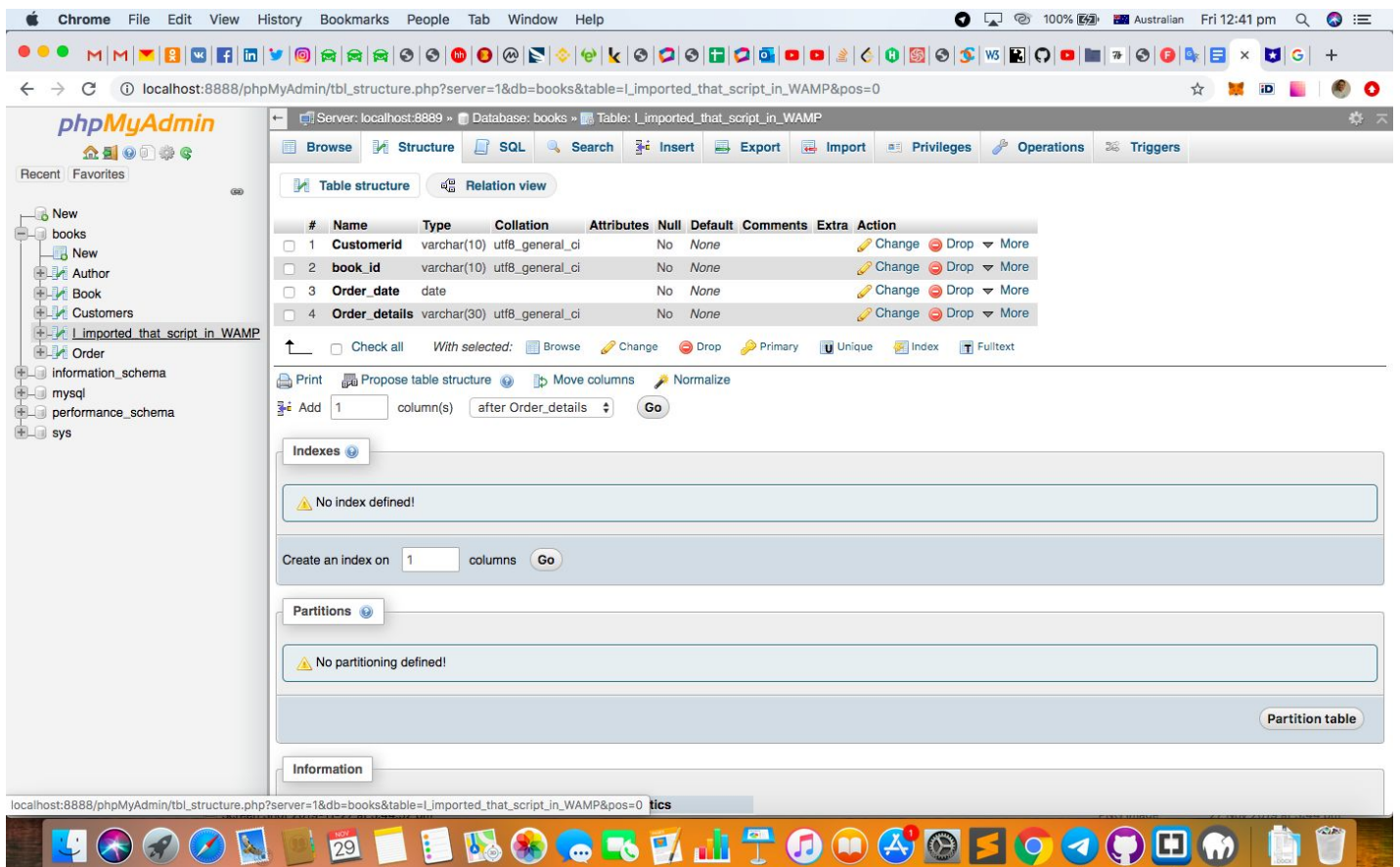
j. Import script in your WAMP make sure you logged in as root in WAMP.



Assessment Task Instructions and Feedback Form (non-graded)



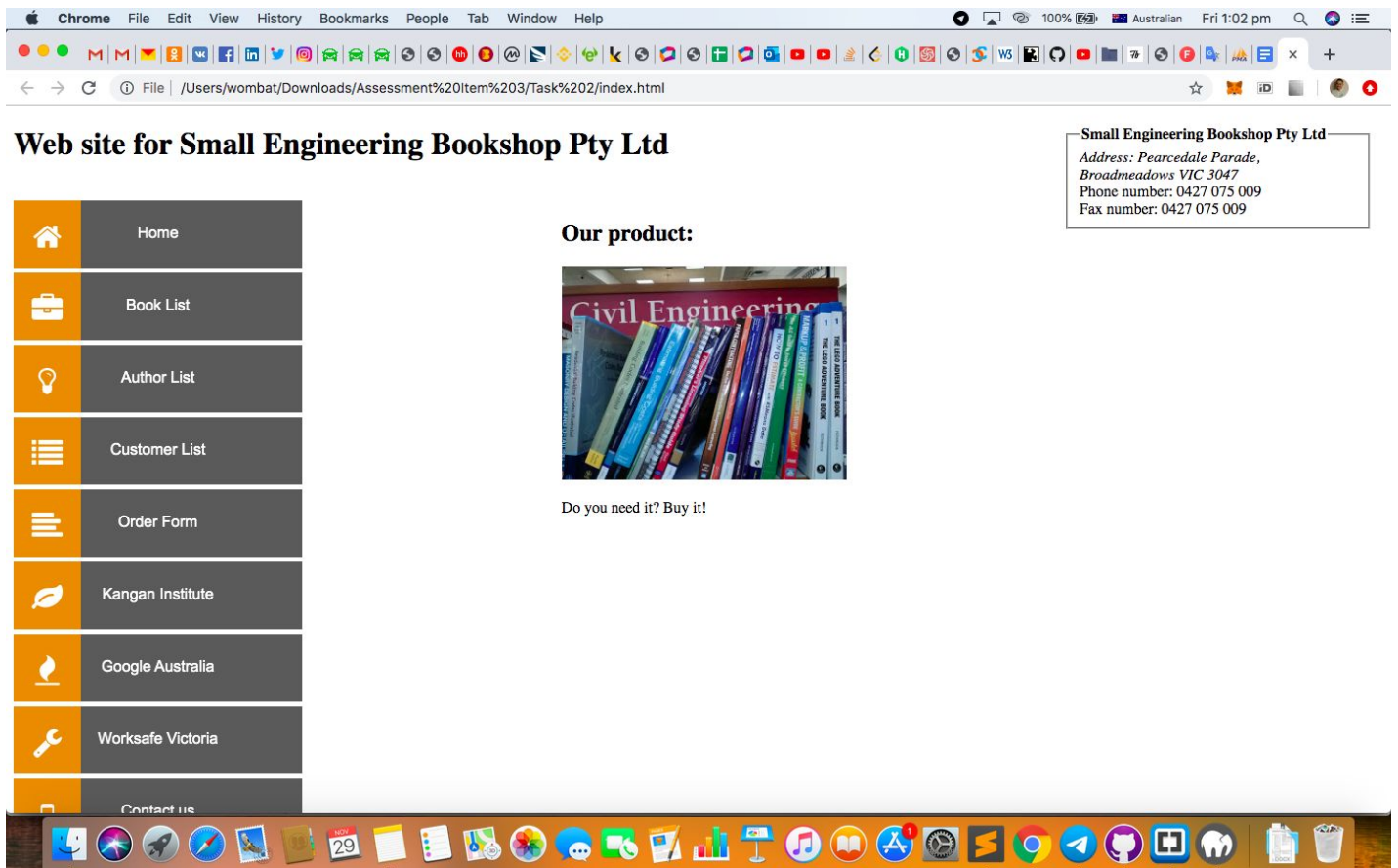
k. Upload SQL file/script with this file



Assessment Task Instructions and Feedback Form *(non-graded)*

Task 2. Students are required to create a web site for Small Engineering Bookshop. Bookshop is dealing with new and old engineering related books. Website for small Engineering Bookshop must contain following, however first page must have three sections. Students are required to use books database provided by the teacher:

- a. Top section must Display
Name of Business, Address of Business Phone number and Fax number.
- b. Left hand section must contain links to different web sites and/or links to business. Some sample links are as under:
 - i. Home
 - ii. Book List
 - iii. Author List
 - iv. Customer List
 - v. Form to insert customer details into table customers
 - vi. Useful links to other websites
 - Kangan Institute
 - Google Australia
 - Worksafe Victoria
 - vii. Contact us



Assessment Task Instructions and Feedback Form *(non-graded)*

Task 3. Students are required to use database books. When student will click on Book List. They must get three options as under and they must display records as per options. Students must display content of Task 2 in a table format.

- Display 1st five records from table book.
- Display seven records from table book starting from 3rd record.
- Display 1st five records from table book and display only id, ISBN, Title and description.

SELECT * FROM `books`

Number of rows: 25

Sort by key: None

+ Options

	Book_Id	Book_name	Author_Id
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	AB1120	Automation and Robotics	MB111213
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	AP22543	An Introduction to Adobe Photoshop	SB33123
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	DD1222	Database Design and Implementation	HG5654
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	JD50023	Java Data Structures and Algorithms	CF14325
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	PL1212	Structured Programming With C++	KB2121

Check All With selected: Change Delete Export

Number of rows: 25

Query results operations

Print view Print view (with full texts) Export Display chart Create view



Task 4. Students are required to use database books. When student will click on Author List, It must display all authors

SELECT * FROM `author`

Number of rows: 25

Sort by key: None

+ Options

	Authorid	FirstName	LastName	email
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	1	larry	goldf	gold@gmail.com
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	11	alf	boo	booman@gmail.com
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	2	jhon	dogman	dogman@gmail.com
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	3	craig	quake	quakeman@gmail.com
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	4	work	gman	gman@gmail.com
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	5	hello	zooman	zooman@gmail.com

Check All With selected: Change Delete Export

Number of rows: 25

Assessment Task Instructions and Feedback Form *(non-graded)*

Task 5. Students are required to create one web page with simple form to insert data into table customer of database books. Form must have two buttons Clear and submit. When student will press clear button form must clear all fields and when student will enter submit button, data must be inserted into table “Customer” of database books.

	CustomerID	FirstName	LastName	Address	Email
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete		Benjamin	Calleja	14 wikekf	Benjan
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	100	Jacob		NULL	
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	200	flake	NULL	NULL	
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	300	west	NULL	NULL	
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	400	east	NULL	NULL	
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	500	jhon	NULL	NULL	
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	600	jackson	NULL	NULL	

☐ Check All With selected: ☐ Change ☐ Delete ☐ Export

Number of rows: 25 ▼

Query results operations

FirstName :

LastName :

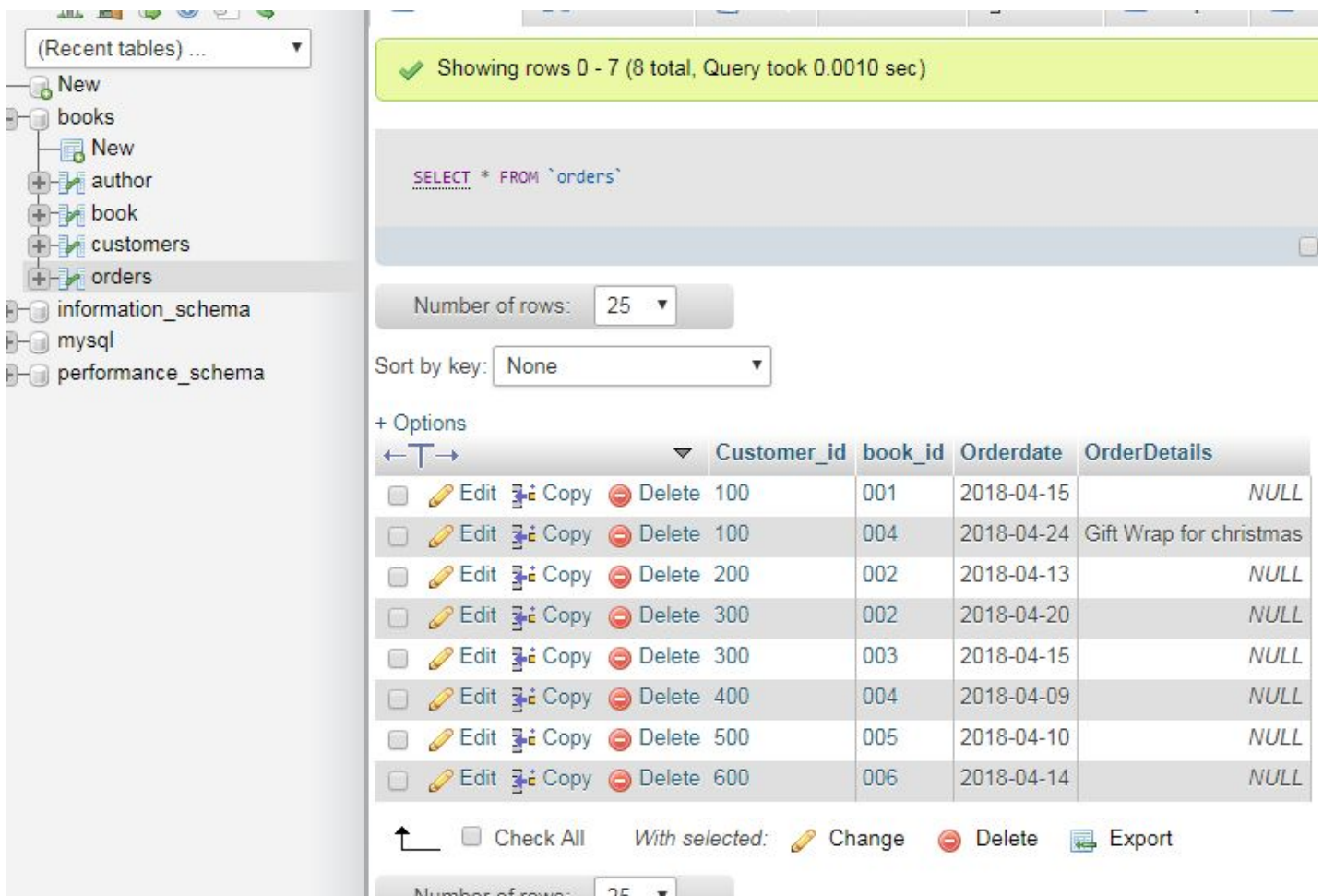
Address :

Email :

Phone :

Task 6. Students are required to create one web page with simple form to insert data into table Order of database books. Form must have two buttons Clear and submit. When student will press clear button form must clear all fields and when student will enter submit button, data must be inserted into table “Order” of database books.

Assessment Task Instructions and Feedback Form *(non-graded)*



Showing rows 0 - 7 (8 total, Query took 0.0010 sec)

```
SELECT * FROM `orders`
```

Number of rows: 25

Sort by key: None

+ Options

	Customer_id	book_id	Orderdate	OrderDetails
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	100	001	2018-04-15	NULL
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	100	004	2018-04-24	Gift Wrap for christmas
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	200	002	2018-04-13	NULL
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	300	002	2018-04-20	NULL
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	300	003	2018-04-15	NULL
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	400	004	2018-04-09	NULL
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	500	005	2018-04-10	NULL
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	600	006	2018-04-14	NULL

Check All With selected: Change Delete Export

Number of rows: 25

order form

Customer ID:

First name:

Last name:

Book you are willing to buy

- ☐ Book of Law
- ☐ The books of toth
- ☐ The book of lies
- ☒ Moonchild
- ☐ Diary of a drug fiend
- ☐ Gwent

Order Date

date:

Assessment Task Instructions and Feedback Form *(non-graded)*

Task 7. Students are required to create user documentation for the above website (for all above tasks).

- I. *For this assessment was created a SQL DATABASE.*
- II. *In that database was added four columns which was the 1'st task.*
- III. *After that was created the website using frames for the homepage and menu.*
- IV. *After that created a table that would display the books from the database.*
- V. *After that was created 2 webpages that would automatically insert entered details from the questioner from the basic html webform.*

Please note: Add screenprint here and upload all files with this document