

Darryn Wong
Naoki Atkins
CPSC 332
Professor: Kanika Sood
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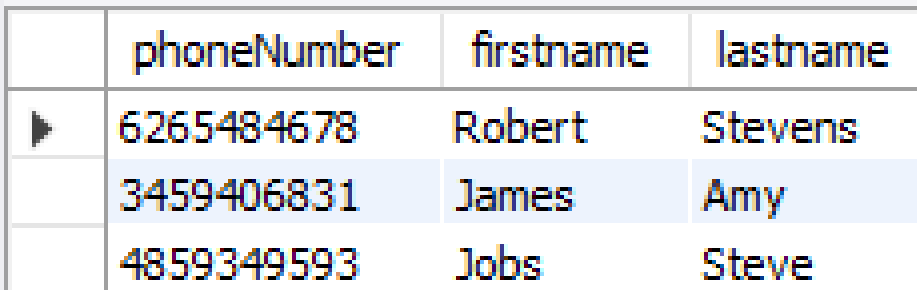
1. One SCRIPT to create this database (call it DocOffice) with MySQL server.

All the code is located in creation.sql file under the comment "question 1"

2. Doctor Robert Stevens is retiring. We need to inform all his patients, and ask them to select a new doctor. For this purpose, Create a VIEW that finds the names and Phone numbers of all of Robert's patients.

All the code is located in creation.sql file under the comment "question 2"

Here is a screenshot of how the result it looks like

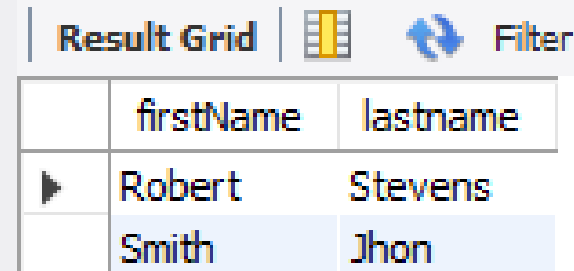


	phoneNumber	firstname	lastname
▶	6265484678	Robert	Stevens
	3459406831	James	Amy
	4859349593	Jobs	Steve

3. Create a view which has First Names, Last Names of all doctors who gave out prescriptions for Vicodin.

All the code is located in creation.sql file under the comment "question 3"

Here is a screenshot of the result how it looks like



	firstName	lastname
▶	Robert	Stevens
	Smith	Jhon

4. Create a view which shows the First Name and Last name of all doctors and their specialty's.

All the code is located in creation.sql file under the comment "question 4"

Here is a screenshot of the result how it looks like

	firstname	lastname	specialtyName
▶	Robert	Stevens	allergy
	Robert	Stevens	diagnostic radiology
	Robert	Stevens	anesthesiology
	Smith	Jhon	anesthesiology
	Smith	Jhon	internal medicine
	Smith	Jhon	allergy

5. Modify the view created in Q4 to show the First Name and Last name of all doctors and their specialties ALSO include doctors who DO NOT have any specialty.

All the code is located in creation.sql file under the comment “question 5”

Here is a screenshot of the result how it looks like

	firstname	lastname	specialtyName
▶	Robert	Stevens	allergy
	Robert	Stevens	diagnostic radiology
	Robert	Stevens	anesthesiology
	Smith	Jhon	anesthesiology
	Smith	Jhon	internal medicine
	Smith	Jhon	allergy
	Jackson	King	NULL

6. Create trigger on the DoctorSpecialty so that every time a doctor specialty is updated or added, a new entry is made in the audit table. The audit table will have the following (Hint-The trigger will be on DoctorSpecialty table). a. Doctor’s FirstName b.

Action(indicate update or added) c. Specialty d. Date of modification

All the code is located in creation.sql file under the comment “question 6”

7. Create a script to do the following (Write the script for this) a. If first time backup take backup of all the tables b. If not the first time remove the previous backup tables and take new backups.

The script is located in the “Database and Queries” folder called “mysqldump.sh”