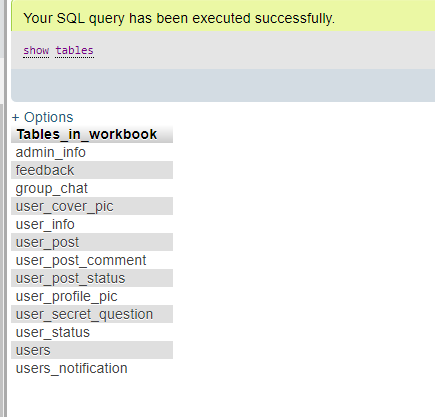
Database **workbook** and its tables

show tables



Create Table with set of column names and type of data and size of it includes if any primary or foreign keys

CREATE TABLE `users\_notification` (

`notification\_id` int(7) NOT NULL AUTO\_INCREMENT,

`user\_id` int(7) NOT NULL,

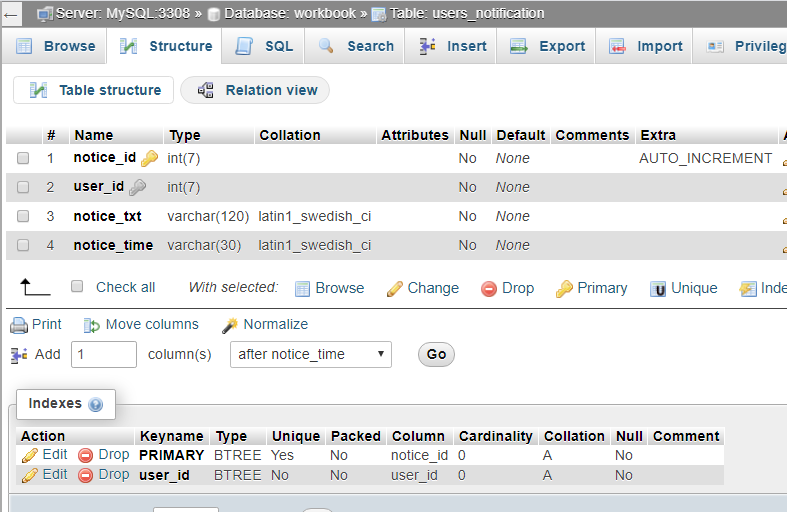
`notification\_txt` varchar(120) NOT NULL,

`notification\_time` varchar(30) NOT NULL,

PRIMARY KEY (`notification\_id`),

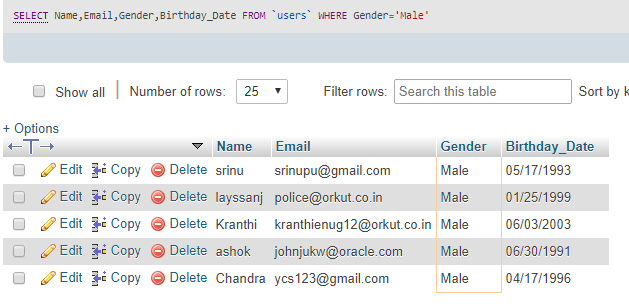
KEY `user\_id` (`user\_id`)

)



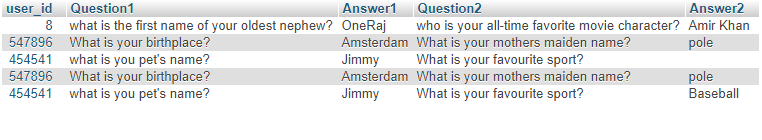
List the users who are Males

[SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/select.html) Name,Email,Gender,Birthday\_Date FROM `users` WHERE Gender='Male'



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Delete Duplicate rows from the table user\_security\_question



SQL query to delete duplicate rows:

DELETE from user\_secret\_question

WHERE Answer2 not in

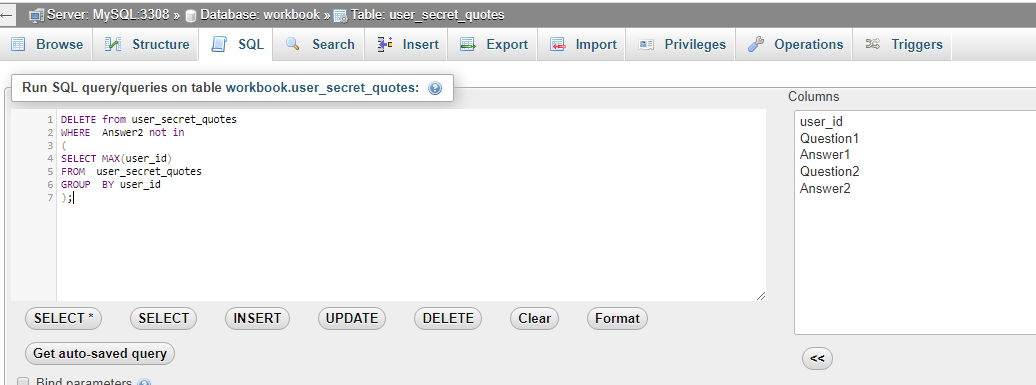
(

SELECT MAX(user\_id)

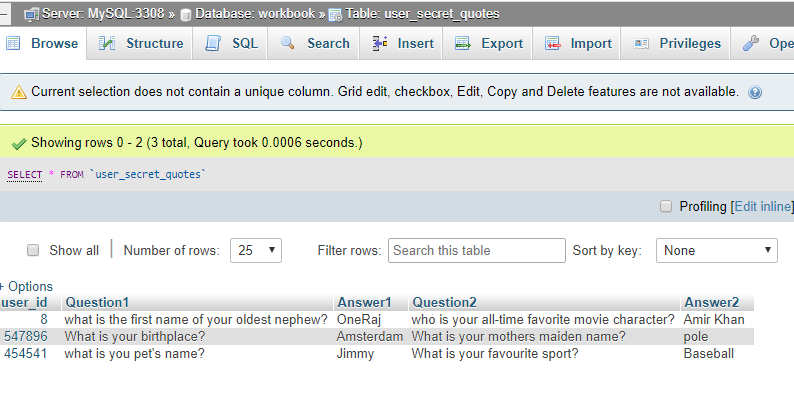
FROM user\_secret\_question

GROUP BY user\_id

);



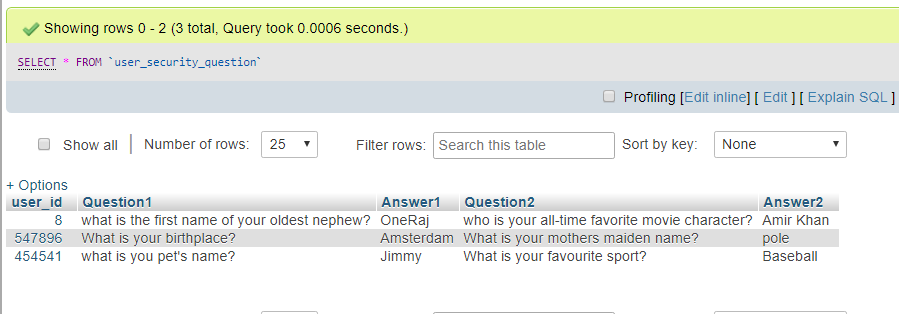
Result:



Insert Data into the tables

INSERT INTO `security\_question` (`user\_id`, `Question1`, `Answer1`, `Question2`, `Answer2`) VALUES

(8, 'what is the first name of your oldest nephew?', 'OneRaj', 'who is your all-time favorite movie character?', 'Amir Khan');

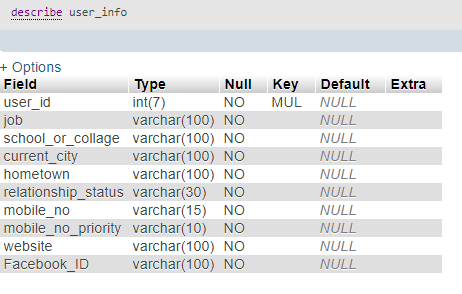


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User information table:

SQL query:

describe user\_info;

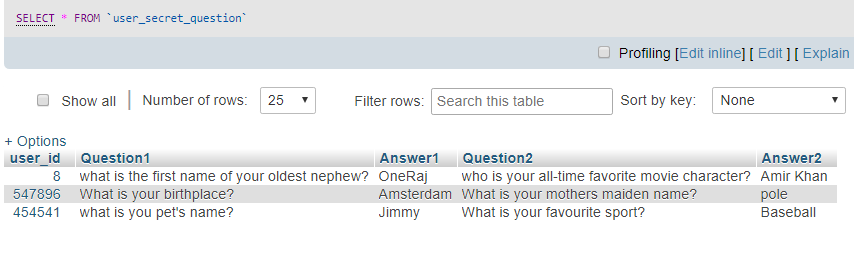


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Rename Table name in workbook database;

Old table name

[RENAME](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/rename-table.html) [TABLE](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/rename-table.html) `workbook`.`user\_secret\_questions` TO `workbook`.`user\_secret\_question`;



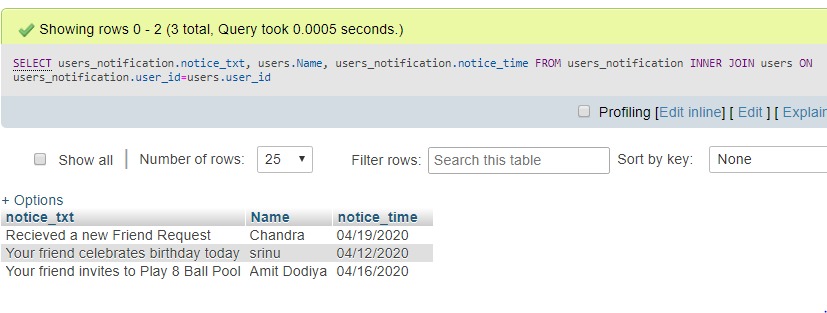
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TO VIEW the Notification received by creating INNER join between user and users’ notifications table

SELECT users\_notification.notice\_txt, users.Name, users\_notification.notice\_time

FROM users\_notification

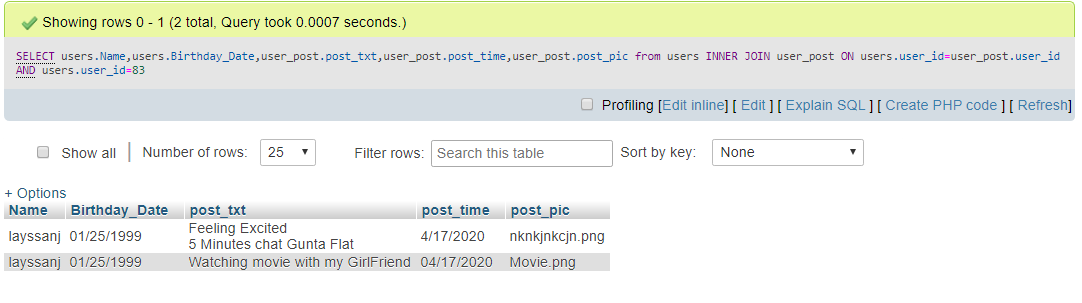
INNER JOIN users ON users\_notification.user\_id=users.user\_id;



To see the POSTS made by the single user on their own profile

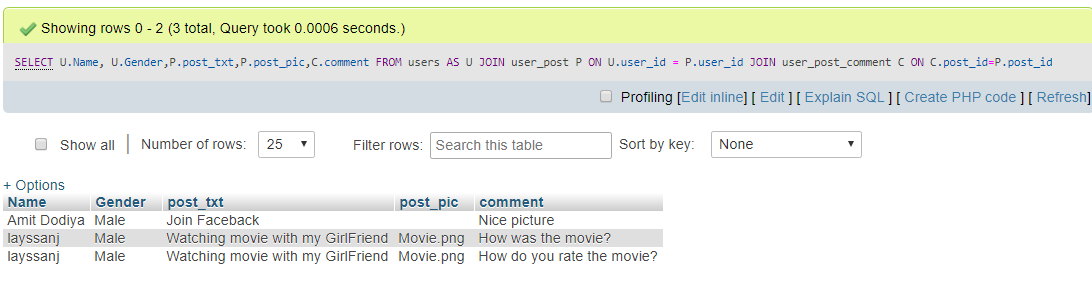
[SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/select.html) users.Name,users.Birthday\_Date,user\_post.post\_txt,user\_post.post\_time,user\_post.post\_pic from users INNER JOIN user\_post ON users.user\_id=user\_post.user\_id [AND](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_and) users.user\_id=83

Result:



To list all the comments made on the post and the list the name of the user made comment

[SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/select.html) U.Name, U.Gender,P.post\_txt,P.post\_pic,C.comment FROM users AS U JOIN user\_post P ON U.user\_id = P.user\_id JOIN user\_post\_comment C ON C.post\_id=P.post\_id



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