

Full Stack Web Development

Exercise

Exercise

1. Create db name as purwadhika_student, purwadhika_schedule, purwadhika_branch
2. Show list of database with name contain purwadhika.
3. Delete database purwadhika_schedule
4. Create table name as Students in purwadhika_student db, with field id, last_name, first_name, address, city. The id field should be in integer type while the rest is varchar.
5. Add email column into table Students with type varchar.
6. Add gender, batch_code, phone_number, alternative_phone_number column in single query.
7. Change alternative_phone_number column name into description with varchar type.
8. Remove column gender in table Students

Exercise

Since you already create purwadhika_branch database, use that db to complete this exercise.

1. Try to create table with output look like image below:

id	branch_name	pic	address	city	province
1	BSD	THOMAS	GREEN OFFICE PARK 9	BSD	TANGERANG
2	JKT	BUDI	MSIG TOWER	JAKARTA SELATAN	JAKARTA
2	BTM	ANGEL	NONGSA	BATAM	KEP. RIAU

2. Change PIC name into Dono if city is BSD
3. Add another branch with branch name BLI, pic is Tono, address is Gianyar, city is Gianyar, province is Bali

Exercise

Go to <https://dev.mysql.com/doc/index-other.html> and download sakila db. Extract and import sakila data into your MySQL.

1. Display the first and last names of all actors from the table actor.
2. You need to find the ID number, first name, and last name of an actor, of whom you know only the first name, "Joe." What is one query would you use to obtain this information?
3. Display the address, district, and city_id from address only for district: California, Alberta and Mekka
4. Count actor with last name WOOD from table actors.
5. Shows list of customer_id and sum of amount spent that made payment more than 20.
6. Shows three customer with the most highest number of payment, and sum amount of user spent on that payment order by most highest payment made.

Exercise

1. Add new actor into table actors with name JHONNY DAVIS.
2. There are several new actor to add. Add new actor into table actors with name ADAM DAVIS, JEREMY DAVIS, CRAIG DAVIS, STEVE DAVIS in a single query.
3. Count how many actors with last name DAVIS.
4. Delete actor with last name DAVIS and first name JENNIFER.
5. Update actor with last name DAVIS and change his/her first name into GEORGE
6. Find top 10 actor with the most perform on film.

Exercise

Go to <https://dev.mysql.com/doc/index-other.html> and download world db. Extract and import world data into your MySQL.

1. Find country name with most population from table country
2. Find the second one country with most population from table country
3. Find country name with lowest population from table country
4. Find the third one country with lowest population from table country
5. Find the largest continent by sum surface area with life expectancy more than 75

Exercise

After completing the exercise, try to finish this and share your score!

https://www.w3schools.com/mysql/mysql_quiz.asp

Count Your Score

You will get 1 point for each correct answer. At the end of the Quiz, your total score will be displayed. Maximum score is 25 points.

Start the Quiz

Good luck!

Start the MySQL Quiz >

Thank You!

