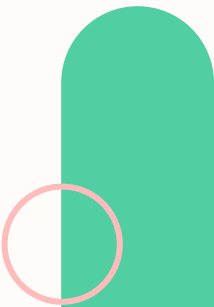


Full Stack Web Development

# 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:

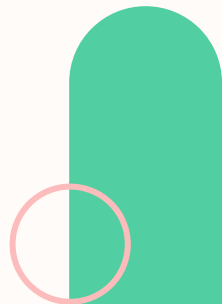
id	branch_name	pic	address	city	province
1	BSD	THOMAS	GREEN OFFICE PARK 9	BSD	TANGERANG
2	JKT	BUDI	MSIG TOWER	JAKARTA SELATAN	JAKARTA
2	BTM	ANGEL	NONGSA	BATAM	KEP. RIAU

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

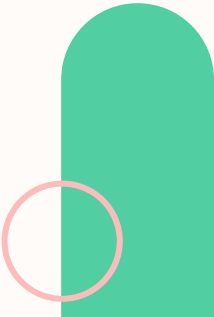
Go to <https://dev.mysql.com/doc/index-other.html> and download sakila db. Extract and import sakila data into your MySQL.

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.



# 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.
7. Display title, description, length, and rating from film, where special features include deleted scenes and behind the scenes order by most length
8. Display country and total of inactive customer (active = 0) from country where customer active = 0 order by the highest inactive (active = 0) customer



# Exercise

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

[https://www.w3schools.com/mysql/mysql\\_quiz.asp](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!

