

In Class Exercise: Advanced SQL

1. Write a stored procedure that inserts a new recipe into the ***MealPlanning*** Database. As always, write your create procedure script so it can be run multiple times.
 - a. Note that the *Recipe* table references the *Cookbook* table.
 - i. Your stored procedure should check and see if a *CookBookName* exists in the *Cookbook* table, and if it does not, it should insert a new row into the *CookBook* table.
 - ii. Your stored procedure should check and see if a *RecipeName* exists in the *Recipe* table, and if it does not, it should insert a new row into the *Recipe* table.
 - b. Note that MySql requires you to declare all your variables at the beginning of the stored procedure.
 - c. For the purposes of this task, it is useful to know about if statements in MySQL: <https://www.mysqltutorial.org/mysql-if-statement/>. You can also simply check if the names of the cookbook or recipes are null, but this is a good time to see how if statements are used in SQL.
2. The stored procedure you wrote would be much cleaner, and much more readable, if your checks to see if a cookbook name or a recipe name existed were just simple functions that returned a boolean. Write functions to complete these two tasks, and update your stored procedure to call them.