



```

-- Enter a new employee.
INSERT INTO Employee(EmpFirstName, EmpLastName, Address, PostalCode, EmpPhone,
EmpEmail) VALUES('Valdemar', 'Johansson', 'Hantverksgatan 23', '31331', '070-6160909',
'Valdemar@bitenchew');
-- Add a new title
INSERT INTO Title VALUES ('CEO');

-- Add a title for an employee
INSERT INTO Title VALUES ('Chief Cook');
INSERT INTO EmployeeTitles VALUES ('Chief Cook', 1, 0.5);

-- Insert an ingredienttype
INSERT INTO IngredientTypes VALUES ('Vegetable');

-- Insert ingredient
INSERT INTO Ingredients VALUES ('Parsnips', 'Vegetable');

-- Insert new unit
INSERT INTO unit VALUES('dl');

-- Enter a new recipetype
INSERT INTO RecipeTypes(RecipeType, description, image) VALUES('Dough and baking',
'Bread baking and pizza dough', 'recipetype/doughandbaking.png');

-- Insert a new recipe
INSERT INTO Recipes(RecipeName, RecipeDesc, Portions, CookingTime, EmployeeID,
RecipeImg) VALUES('Salmon in red curry', 'Well casserole with frozen salmon fillet,
red curry and coconut milk', 4, 40, 4, 'recipe/1.jpg');

-- Insert a step and desc

```

```

INSERT INTO Steps VALUES (8, 'Crush lemon grass with for example the bottom of a pan.
Chop the lemon grass then very, very, nice.');
```

-- Add ingrediesnts for a description

```

INSERT INTO StepIngredient(StepNo, RecipeID, IngredientID, amount, unit)
VALUES(20,8,16,1, 'bunch');
```

-- New menutype

```

INSERT INTO MenuTypes VALUES('Autumn evening', 'Brighten up the nice autumn evenings
with a classic meal from Bite & Chew.', 'autmun.jpg');
```

-- new menu

```

INSERT INTO Menus(MenuName, MenuDesc, Portions, CookingTime, EmployeeID, MenuType,
image) VALUES('The classic', 'Skagen on rye bread with caviar. Roast beef with
bernaisesås, red wine sauce and potatogratin. Sticky chocolate cake with bailey cream
and strawberries.', 4, 120, 4, 'Autumn evening', 'menu/3.jpg');
```

-- Add recipe for a menu

```

INSERT INTO MenuRecipe(MenuID, RecipeID) VALUES (6, 7);
INSERT INTO MenuRecipe(MenuID, RecipeID) VALUES (6, 8);
```

-- UPDATE AND DELETE

-- Update Employee and delete

```

UPDATE EMPLOYEE SET EmpPhone = '070123412' WHERE EmployeeID=1;

UPDATE RECIPES SET EmployeeID=null WHERE EmployeeID=5;
DELETE EMPLOYEE WHERE EmployeeID=5;
```

-- Update and delete Title

```

UPDATE Title SET TITLE='Master Disher' WHERE TITLE='Disher';
DELETE FROM TITLE WHERE TITLE='Master Disher';
```

-- Update and delete IngredientTypes

```

UPDATE IngredientTypes SET IngredientType='Fruity fruit' WHERE IngredientType='Fruit';
DELETE FROM IngredientTypes WHERE IngredientType LIKE '%fruit%';
```

-- Update and delete Ingredients

```

UPDATE Ingredients SET IngredientName='Cheese' WHERE IngredientName LIKE '%Os%';
DELETE FROM Ingredients WHERE IngredientID='16';
```

-- Update and delete Units

```

UPDATE Units SET unit='kilog' where unit LIKE '%ilogr%';
DELETE FROM Units WHERE unit='kilog';
```

-- Update and delete RecipeType

```

UPDATE RecipeTypes SET RecipeType='Not a test anymore', description='OK' WHERE
image='recipetype/hej.jpg';
DELETE FROM RecipeTypes WHERE RecipeType='Not a test anymore';
```

-- Update and delete Recipe

```

UPDATE Recipes SET EmployeeID=4 WHERE EmployeeID IS NULL;
DELETE Recipes WHERE RecipeID=9;
```

-- Update and delete Steps

```

UPDATE Steps SET Instruction='Buy pizza' WHERE StepNumber=4;
DELETE FROM STEPS WHERE StepNumber=6;
```

-- Update and delete Step ingredient

```

INSERT StepIngredient(StepNo, RecipeID, IngredientID, amount, unit) VALUES (11,3,6,1,
'bunch');
UPDATE StepIngredient SET unit='st' WHERE StepNo = 11;
DELETE FROM StepIngredient WHERE StepNo = 11;
```

```

-- Update and delete MenuType
UPDATE MenuTypes SET description='Nice beef menu with a grill' WHERE MenuType='BBQ';
DELETE FROM MenuTypes WHERE MenuType LIKE '%nice%';

-- Update and delete Menus
UPDATE Menus SET EmployeeID=1 WHERE EmployeeID IS NULL;
DELETE FROM Menus WHERE MenuID=7;

-- Update and delete MenuRecipes
UPDATE MenuRecipe SET RecipeID=5 WHERE RecipeID=7;
DELETE FROM MenuRecipe WHERE RecipeID <= 1;

-----
-- DATA QUERIES
-----
-- all ingredienttypes
SELECT IngredientType FROM IngredientTypes;

-- all units
SELECT Unit FROM UNITS;

-- all recipe types
SELECT RecipeType FROM Recipetypes;

-- all menu types
SELECT MenuType FROM Menutypes;

-- all titles
SELECT Title FROM Title;

-- everything from an employee
SELECT * FROM EMPLOYEE;

-----
-- DATA ENTRY
-----
-- Add new customer
INSERT INTO Customer VALUES('Janne', 'Larrson', 'Hejbu', 10123, '070-232320',
'la4@gmail.com');

-- Add new menu review
INSERT INTO Menureview VALUES(1, 2, '1955-12-13 12:43:10', 'Fantastic and awesome for
a golden party.', 5);

-- Add new recipe review
INSERT INTO Recipereview VALUES(1, 5, '2011-09-30 21:40:00', 'Tastes wonderful and so
easy to cook.', 4);

-----
-- Data update and delete
-----
-- Update and delete details of a Customer
UPDATE CUSTOMER SET email = 'jannelarson@hotmail.com' WHERE customerID=2;
DELETE FROM CUSTOMER WHERE firstname='Janne';

-- Update and delete menu review
UPDATE Menureview SET timestamp = '2017-12-13 12:43:00' WHERE menuID=2;
DELETE FROM Menureview WHERE customerID=1;

-- Update and delte recipe review
UPDATE Recipereview SET star = '2' WHERE recipeID=1;

```

```

DELETE FROM Recipereview WHERE customerID=1;

SELECT * FROM Recipereview;
SELECT * FROM Menureview;
SELECT * FROM Customer;

-----
--DATA QUERIES
----
-- List all details for a Customer
SELECT firstname, lastname, address, postalcode, phone, email FROM Customer WHERE
customerID=1;

-- List all Recipereviews for a Recipe ordered by date
SELECT * FROM Recipereview ORDER BY timestamp ASC; -- ascending
SELECT * FROM Recipereview ORDER BY timestamp DESC; -- descending

-- List all Menureview for a menu ordered by date
SELECT * FROM Menureview ORDER BY timestamp ASC; -- ascending
SELECT * FROM Menureview ORDER BY timestamp DESC; -- descending

-- List details for a Menu.
SELECT * FROM Menus WHERE MenuID=2;

-- List details for a Recipe.
SELECT * FROM Recipes WHERE RecipeID=5;

-- List name, mailadress, titles for each Employee
SELECT Employee.EmpFirstname, Employee.EmpLastname, Employee.EmpEmail,
EmployeeTitles.Title
FROM Employee
INNER JOIN EmployeeTitles ON Employee.EmployeeID = EmployeeTitles.EmployeeID;

-- List a Recipe based on a free text search from the visitor.
SELECT * FROM Recipes WHERE RecipeDesc LIKE '%cheese%';

-- List a Menu based on a free text search from the visitor
SELECT * FROM Menus WHERE MenuDesc LIKE '%luxury%';

-- List details for Recipe, Recipestep and Ingredientsforstep to be presented on
website.
SELECT Recipes.RecipeName, Steps.Instruction, Ingredients.IngredientName,
StepIngredient.amount, StepIngredient.unit FROM Recipes
JOIN Steps ON Steps.RecipeID = Recipes.RecipeID
JOIN StepIngredient ON Steps.StepNumber = StepIngredient.StepNo
JOIN Ingredients ON Ingredients.IngredientID = StepIngredient.IngredientID
WHERE Recipes.RecipeID = 2
ORDER BY Steps.StepNumber;

-- List details for a Menu and full details for each included Recipe.
SELECT Menus.MenuName, Recipes.RecipeName, Recipes.RecipeDesc FROM Menus
JOIN MenuRecipe ON Menus.MenuID = MenuRecipe.MenuID
JOIN Recipes ON Recipes.RecipeID = MenuRecipe.RecipeID
WHERE Menus.MenuID = 6;

-- List all ingredients with amount and unit for a recipe.
SELECT Recipes.RecipeName, Ingredients.IngredientName, StepIngredient.amount,
StepIngredient.unit FROM Recipes
JOIN StepIngredient ON Recipes.RecipeID = StepIngredient.RecipeID
JOIN Ingredients ON StepIngredient.IngredientID =
Ingredients.IngredientID
WHERE Recipes.RecipeID = 1;

```

----- PROCEDURES RIGHT NOW! -----

```
-- =====  
-- Author:           Dawid Ejdeholm  
-- Create date: 2017-11-27  
-- Description: Stored procedures for easy use.  
-- =====
```

```
-- Name:             employee_insert  
-- Description: Adds a new employee  
CREATE PROCEDURE employee_insert  
    (@fname varchar(255), @lname varchar(255), @email varchar(255), @phone  
    varchar(50), @postalcode int, @address varchar(255))  
AS  
BEGIN  
    INSERT INTO Employee  
    VALUES (@fname, @lname, @email, @phone, @postalcode, @address)  
End  
-- Result:  Adds person into employee  
GO
```

```
-- Name:             StepsForRecipe  
-- Description: Get the steps and instruction for a @recipeID.  
CREATE PROCEDURE StepsForRecipe  
    (@recipeID int)  
AS  
BEGIN  
    SELECT StepNumber, Instruction  
    FROM Steps  
    WHERE Steps.RecipeID = @recipeID  
End
```

```
-- Name:             IngredientsForRecipes  
-- Description: Get the ingredients, amount and unit for a @recipeID  
CREATE PROCEDURE IngredientsForRecipes(@recipeID int)  
AS  
BEGIN  
    SELECT Recipes.RecipeName, Ingredients.IngredientName,  
    StepIngredient.amount, StepIngredient.unit FROM Recipes  
    JOIN StepIngredient ON Recipes.RecipeID = StepIngredient.RecipeID  
    JOIN Ingredients ON StepIngredient.IngredientID =  
    Ingredients.IngredientID  
    WHERE Recipes.RecipeID = @recipeID  
END
```