Neal Sakash

Data 210.2

MySQL Homework

Question One

Retrieve the titles of all top level recipes

Select Name

From Recipes

Where Recipes\_idRecipe is null

Question Two

Count the number of ingredient

Select count(idIngredient)

From Ingredients

Question Three

Retrieve a unique list of units of measure associated with ingredients

Select distinct UnitOfMeasure

From Ingredients

Where UnitOfMeasure is not null

Question Four

Retrieve the nutritional information for the recipe titled “Ricotta Pie”

Select Recipes.name, Nutrition.\*

From Recipes

Join Nutrition

Where Recipes.name = "Ricotta Pie"

And Recipes.Nutrition\_idNutrition = idNutrition

Question Five

Retrieve the ingredients associated with the recipe named “pastry”

Select Ingredients.name from Recipes

Join Ingredients

Where Recipes.name = "pastry"

And Ingredients.Recipe\_idRecipe = Recipes.idRecipe

Question Six

Retrieve the name of all recipes that have an ingredient that contains the word garlic

Select Recipes.Name, Ingredients.name from Ingredients

Join Recipes

Where Ingredients.name like "%garlic%"

And Ingredients.Recipe\_idRecipe = Recipes.idRecipe

Question Seven

Retrieve all ingredients for the recipe titled “Beef Parmesan with Garlic Angel Hair Pasta”

Select Ingredients.name from Recipes

Join Ingredients

Where Recipes.Name = "Beef Parmesan with Garlic Angel Hair Pasta"

And Ingredients.Recipe\_idRecipe = Recipes.idRecipe

Question Eight

Retrieve all preparation instructions for the recipe titled “Zuppa Inglese”

Select StepNumber, Instruction from Recipes

Join PreparationSteps

Where Recipes.Name = "Zuppa Inglese"

And PreparationSteps.Recipe\_idRecipe = Recipes.idRecipe

Order By StepNumber Asc

Question Nine

Retrieve the preparation step that requires a “skillet”

Select PreparationSteps.Instruction from PreparationSteps

Where Instruction like "%Skillet%"

Question Ten

Print out the title of each recipe with its nutrition information

Select Recipes.name, Nutrition.\*

From Recipes

Join Nutrition

Where Recipes\_idRecipe Is null

And Recipes.Nutrition\_idNutrition = idNutrition