Database Final Project Queries

string GetQuery2(char\* szFee)

{

string stSQl = " ";

stSQl += " ";

stSQl += " ";

}

* Displays all items in the fridge

SELECT \*

FROM Fridge R, Food O

WHERE O.ID = R.FoodID

string GetQuery() {

string stSQL = "SELECT O.FoodName, O.FoodType, O.FoodGroup ";

stSQL += "FROM Fridge R, Food O ";

stSQL += "WHERE O.ID = R.FoodID";

return stSQL;

}

* Displays all items that will expire before 12/14/2017

SELECT ExpireDate

FROM Fridge R

WHERE ExpireDate = “12/14/2017”

string GetQuery2() {

string stSQl = "Select O.FoodName, R.TypeBrand ";

stSQl += "From Fridge R, Food O ";

stSQl += "Where ExpireDate = #12/14/17# AND O.ID = R.FoodID";

return stSQl;

}

* Displays all items that are GMO

SELECT Quality

FROM Fridge R

WHERE Quality = “GMO”

string GetQuery3() {

string stSQL = "SELECT O.FoodName, R.Quality ";

stSQL += "From Fridge R, Food O ";

stSQL += "WHERE R.Quality = \'GMO\' AND O.ID = R.FoodID";

return stSQL;

}

* Displays all items in freezer

SELECT O.FoodName

FROM Fridge R, Food O

WHERE Compartment = “Freezer” AND O.ID = R.FoodID

string GetQuery4() {

string stSQL = "SELECT O.FoodName ";

stSQL += "FROM Fridge R, Food O ";

stSQL += "WHERE Compartment = \'Freezer\' AND O.ID = R.FoodID";

return stSQL;

}

* Displays all items that are gluten-free

SELECT FoodName

FROM Food O

WHERE Allergy = “Gluten-Free”

string GetQuery5() {

string stSQL = "SELECT FoodName ";

stSQL += "FROM Food O ";

stSQL += "WHERE Allergy = \'Gluten-Free\'";

return stSQL;

}

* Displays all items that contain nuts

SELECT FoodName

FROM Food O

WHERE Allergy = “Nuts”

string GetQuery6() {

string stSQL = "SELECT FoodName ";

stSQL += "FROM Food O ";

stSQL += "WHERE Allergy = \'Nuts\' ";

return stSQL;

}

* Displays all location in which soda can be found

SELECT L.Name, L.Address,L.Aisle

FROM Location L, Food O

WHERE O.ID = L.FoodID AND O.FoodName = “Soda”

string GetQuery7() {

string stSQL = "SELECT L.Name, L.Address,L.Aisle ";

stSQL += "FROM Location L, Food O ";

stSQL += "WHERE O.ID = L.FoodID AND O.FoodName = \'Soda\'";

return stSQL;

}

* Displays all items that expire before 12/20/17 or has a quantity less than 3 in the fridge into the grocery-shopping list.

SELECT O.FoodName, R.ExpireDate, R.Quantity

FROM Food O, Fridge R

WHERE (ExpireDate “12/20/17 OR R.Quantity< 3) AND O.ID = R.FoodID

string GetQuery8() {

string stSQL = "Select O.FoodName, R.ExpireDate, R.Quantity ";

stSQL += "From Food O, Fridge R ";

stSQL += "Where (ExpireDate < #12/20/17# OR R.Quantity< 3)  AND O.ID = R.FoodID";

return stSQL;

}