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| Final Project: Pizza Sales Shop  Gary Tarakjian  $A screenshot of a computer  Description automatically generated  Introduction:  Our Final project consists of a database with four tables: Customers, Orders, Quantities, and Pizzas. The database will help to simulation a pizza shop. Furthermore, it will be performed the operation that we have learned in previous chapters and it will be shown the results in the form of screenshots attached to an epitome of the file. So dear reader let's step into the MYSQL journey. |

The Schema of the Project:

*Task 1: The next information will display the relationship between the tables and the populated data.*

1. The Customers has a **ONE TO MANY** relationships with Orders Table.A screenshot of a computer screen

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1. The Orders table has **ONE TO MANY** relationships with Quantities table.A screenshot of a computer screen

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2. The Quantities has **MANY TO ONE** relationship with Orders and Pizzas tables.

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1. The Pizzas table has **MANY TO ONE** relationship with Quantities table.

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*Task 2: Performing the operations over the database.*

1. At the first step has been performed the **INNER JOIN** operation over **PIZZA AND QUANTITIES** tables.

SELECT Q.Quantities, Q.PizzaID ID, P.pizza\_name Pizza\_Name, P.ingredients Description, P.pizza\_price Price  
FROM Quantities as Q INNER JOIN Pizzas P on Q.PizzaID = P.PizzaID;

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1. It has been included an **OrderID** column from **Quantities** table to point to the costumer information.

SELECT Q.OrderID, Q.Quantities, Q.PizzaID ID, P.pizza\_name Pizza\_Name, P.ingredients Description, P.pizza\_price Price  
FROM Quantities as Q NATURAL JOIN Pizzas as P;

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1. The **OrederID** the was obtained in previews query is linked up with the follow person:

SELECT c.first\_name First\_Name, c.last\_name Last\_Name, O.OrderID FROM Customers c INNER JOIN Orders O on c.CostumersID = O.CostumersID;

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