USING THE DATABASE APPLICATION

1. As the bakery’s manager, you want to quickly revise some of the queries.

a. Using the Parameter Query, which customers ordered the wheat grass?

| **Query6 Parameter Query** | | | | | |
| --- | --- | --- | --- | --- | --- |
| **CustomerType** | **NameOfEstablisment** | **FirstName** | **PhoneNumber** | **Quantity** | **ItemId** |
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b. Modify the Query 8 Daily Billing Amount to show the billing amount for the restaurant customers only. Save query as Restaurant Daily Billing Amount.

| **Query 8 Restaurant Daily Billing Amount** | | |
| --- | --- | --- |
| **FirstOfNameOfEstablisment** | **BillingAmount** | **CustomerType** |
| Spice | 75.5 | Restaurant |
| Cranberries | 74.95 | Restaurant |
| Organics | 60.25 | Restaurant |

c. Describe how you would revise Query 7 to show the daily delivery for a particular customer.

JOIN with Customer Table on Customer ID

Add clause: WHERE [CustomerID or NameOfEstablishment] LIKE [Particualr Customer ID or Name]

Alternatively, the where clause could refer to a parameter promted when the query is executed.

**2.** Often, new information requirements arise for the bakery.

b. Describe the steps you need to go through to add a new customer to the database and a new order with several inventory items for that new customer.

Frist enter all relevant data in the from “Customer Form”.

Ensure all items the customer orders alreat exists in the inventory table (otherwise create them using the inventory form)

To creat the order, either create the links in Excel and import, or create an order form and use it to populate data. Another alternative would be to simply edit directly in the Database.

c. Why is referential integrity important in the design of the Yuki Bakery database application?