

Q1. Imagine you are tasked with retrieving a list of all restaurants and their menu items. Some restaurants may not have any menu items yet. Write an SQL query that performs a LEFT JOIN between the "**Restaurant_info**" and "**MenuItems**" tables to achieve this. Your query should include the restaurant name and the name of the menu items, if available.

Solution:

```
SELECT
    r.name AS Restaurant_Name, m.name AS Menu_Items
FROM
    restaurant_info AS r
    LEFT JOIN
        menuitems AS m ON r.restaurant_id = m.restaurant_id;
```

Q2. Extend the previous query to include the restaurant's contact number and the availability status of each menu item. If a restaurant does not have any menu items, display "**No Menu Items**" in the menu item column.

Solution:

```
SELECT
    r.name AS Restaurant_Name,
    CASE
        WHEN m.name IS NULL THEN 'No Menu Items'
        ELSE m.name
    END AS Menu_Items,
    CASE
        WHEN m.availability = 1 THEN 'Available'
        ELSE 'Not Available'
    END AS Availability_Status,
    r.contact_number AS Contact_Number
```

FROM

restaurant_info AS r

LEFT JOIN

menuitems AS m ON r.restaurant_id = m.restaurant_id;