```sql
-- **********************
-- GROUP 02
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-- Date   : 10-13-2023
-- Purpose: DBS211 Assignment 01
-- ********************************************************************************************


-- Q1 SOLUTION --
SELECT
    employeenumber AS "Employee Number",
    lastname || ', ' || firstname AS "Employee Name",
    phone AS "Phone",
    extension AS "Extension",
    city AS "City",
    'Unknown' AS "Manager ID",
    'Unknown' AS "Manager Name"
FROM
    employees
    INNER JOIN
        offices
        ON employees.officecode = offices.officecode
WHERE
    employees.reportsto IS NULL
ORDER BY
    offices.city,
    employees.employeenumber;


-- Q2 Solution --
SELECT
    employeenumber,
    firstname || ' ' || lastname AS "Employee Name",
    phone AS "Phone",
    extension AS "Extension",
    city AS "City"
FROM
    employees
    INNER JOIN
        offices
        ON employees.officecode = offices.officecode
WHERE
    city IN
    (
        'NYC',
        'Tokyo',
        'Paris'
    )
ORDER BY
    offices.city,
    employees.employeenumber;


-- Q3 Solution --
SELECT
    e1.employeenumber AS "Employee Number",
    e1.lastname || ', ' || e1.firstname AS "Employee Name",
    offices.phone AS "Phone",
    e1.extension AS "Extension",
    offices.city AS "City",
    e1.reportsto AS "Manager ID",
    e2.firstname || ' ' || e2.lastname AS "Manager Name"
FROM
    employees e1
    INNER JOIN
        employees e2
        ON e1.reportsto = e2.employeenumber
    INNER JOIN
        offices
        ON e1.officecode = offices.officecode
WHERE
    offices.city IN
    (
        'NYC',
        'Tokyo',
        'Paris'
    )
ORDER BY
    offices.city,
    e1.employeenumber;


-- Q4 Solution --
SELECT
    e1.employeenumber AS "Manager ID",
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    e1.firstname || ' ' || e1.lastname AS "Manager Name",
    (
        SELECT
            o.country
        FROM
            offices o
        WHERE
            o.officecode = e1.officecode
    )
    AS "Country",
    NVL2(e2.employeenumber, 'Reports to ' || e2.firstname || ' ' || e2.lastname || '(' || e2.jobtitle || ')', 'Does not report to anyone') AS
"Reports to"
FROM
    employees e1
    LEFT JOIN
        employees e2
        ON e1.reportsto = e2.employeenumber
WHERE
    e1.employeenumber IN
    (
        SELECT DISTINCT
            e3.reportsto
        FROM
            employees e3
        WHERE
            e3.reportsto IS NOT NULL
    )
ORDER BY
    "Manager ID";


-- Q5 Solution --
SELECT
    c.customernumber,
    c.customername,
    REPLACE(p.productcode, '_', ' ') as productcode,
    p.msrp AS "OLD Price",
    ROUND(p.msrp * 0.9, 2) AS "New Price"
FROM
    products p
    INNER JOIN
        (
            SELECT
                *
            FROM
                orderdetails
            where
                quantityordered > 55
        )
        od
        ON p.productcode = od.productcode
    INNER JOIN
        orders o
        on od.ordernumber = o.ordernumber
    INNER JOIN
        customers c
        on o.customernumber = c.customernumber
WHERE
    p.productvendor = 'Exoto Designs'
ORDER BY
    c.customernumber, p.msrp DESC;


--
SELECT DISTINCT
    c1.customernumber,
    c1.customername
FROM
    customers c1
    JOIN
        orders o1
        ON c1.customernumber = o1.customernumber
    JOIN
        orders o2
        ON c1.customernumber = o2.customernumber
        AND o1.ordernumber <> o2.ordernumber
ORDER BY
    c1.customernumber;


-- Q6 Solution B --
SELECT
    c.customernumber,
    c.customername
FROM
    customers c
    JOIN
```

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        orders o
        ON c.customernumber = o.customernumber
WHERE
    c.customernumber NOT IN
    (
        SELECT DISTINCT
            c1.customernumber
        FROM
            customers c1
        JOIN
            orders o1
            ON c1.customernumber = o1.customernumber
        JOIN
            orders o2
            ON c1.customernumber = o2.customernumber
            AND o1.ordernumber <> o2.ordernumber
    )
ORDER BY
    c.customernumber;
```