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/*
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Lab - 04
Section NFF
Date: 14-06-2020
*/

/* 1a.
SELECT employeenumber, firstname, lastname, city, phone, postalcode
FROM employees f, offices l
WHERE f.officecode=l.officecode
AND country='France';

1b.
SELECT employeenumber, firstname, lastname, city, phone, postalcode
FROM employees f INNER JOIN offices l ON f.officecode=l.officecode
WHERE country='France';
*/

/* 2a.
SELECT c.customernumber
FROM customers c INNER JOIN payments p ON p.customernumber=c.customernumber
WHERE country='Canada'
ORDER BY customernumber;

2b.
SELECT c.customernumber, customername, paymentdate, amount
FROM customers c INNER JOIN payments p ON p.customernumber=c.customernumber;

2c.
SELECT c.customernumber, customername , p.amount ,
to_char(paymentdate, 'Mon DD,YYYY') AS paymentdate
FROM customers c INNER JOIN payments p
ON c.customernumber=p.customernumber;
*/

/* 3.
SELECT c.customernumber, customername
FROM customers c LEFT OUTER JOIN payments p ON c.customernumber=p.customernumber
WHERE p.customernumber IS NULL AND country = 'USA'
ORDER BY customernumber;
*/

/* 4a.
CREATE OR REPLACE VIEW vwCustomerOrder AS
SELECT c.customernumber, o.ordernumber , orderdate, quantityordered, p.productname, priceeach
FROM customers c
INNER JOIN orders o ON c.customernumber=o.customernumber
INNER JOIN orderdetails od ON o.ordernumber=od.ordernumber
INNER JOIN products p ON od.productcode=p.productcode;

4b.
SELECT * FROM vwCustomerOrder;
*/

/* 5a.
SELECT *
FROM vwCustomerOrder vw
RIGHT JOIN orders o ON vw.ordernumber=o.ordernumber
where vw.customernumber=124
order by o.ordernumber;

5b.
SELECT *
FROM vwCustomerOrder vw
RIGHT JOIN orderdetails o ON vw.ordernumber=o.ordernumber
where vw.customernumber=124
order by orderlinenumber;
*/

/* 6.
SELECT c.customernumber, contactfirstname, contactlastname, phone, creditlimit
FROM customers c
LEFT JOIN orders o ON c.customernumber=o.customernumber
WHERE ordernumber IS NULL;
*/

/* 7.
CREATE OR REPLACE VIEW vwEmployeeManager AS
SELECT e.EMPLOYEEENUMBER ,
e.LASTNAME ,
e.FIRSTNAME ,
e.EXTENSION ,
e.EMAIL ,

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e.OFFICECODE ,
e.REPORTSTO ,
e.JOBTITLE,
(m.LASTNAME || ' ' || m.FIRSTNAME) AS "manager name"
FROM employees e
LEFT JOIN employees m ON e.reportsto = m.employeenumber;
*/
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/* 8.
CREATE OR REPLACE VIEW vwEmployeeManager AS
SELECT e.*, m.firstname as ManagerFirstName, m.lastname as ManagerLastName
FROM employees e
LEFT JOIN employees m
ON e.reportsto = m.employeenumber
WHERE e.reportsto IS NOT NULL;
*/
```

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/* 9.
DROP VIEW vwCustomerOrder;
DROP VIEW vwEmployeeManager;
*/
```

