Q1

SELECT

E.FirstName,

E.LastName,

E.EmployeeNumber,

firstname || ' ' || lastname, C.CUSTOMERNAME,

C.City,

C.Phone,

C.PostalCode

FROM RETAILCUSTOMERS C, RETAILEMPLOYEES E

WHERE

C.Country = 'Singapore'

AND C.SalesRepEmployeeNumber = E.EmployeeNumber;

A screenshot of a computer

Description automatically generated with medium confidence

SELECT

E.FirstName,

E.LastName,

E.EmployeeNumber,

firstname || ' ' || lastname,

C.CUSTOMERNAME,

C.City,

C.Phone,

C.PostalCode

FROM RETAILCUSTOMERS C

JOIN RETAILEMPLOYEES E ON C.SalesRepEmployeeNumber = E.EmployeeNumber

WHERE C.COUNTRY = 'Singapore';

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Q2

SELECT

P.CustomerNumber, C.CustomerName, C.COUNTRY,

TO\_CHAR(P.PaymentDate, 'Mon DD, YYYY'),

P.Amount

FROM

RETAILPAYMENTS P

JOIN

RETAILCUSTOMERS C ON P.CustomerNumber = C.CustomerNumber

WHERE

C.Country = 'USA'

ORDER BY

P.CustomerNumber;

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Q3

SELECT C.CustomerNumber, C.CustomerName, P.Amount

FROM RETAILCUSTOMERS C

JOIN RETAILPAYMENTS P ON C.CustomerNumber = P.CustomerNumber

WHERE C.Country = 'Canada'

ORDER BY C.CustomerNumber;  
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Q4

SELECT

O.ORDERNUMBER,

OD.QUANTITYORDERED,

OD.PRICEEACH,

C.CUSTOMERNAME

FROM

RETAILORDERS O

JOIN ORDERDETAILS OD ON O.ORDERNUMBER = OD.ORDERNUMBER

JOIN RETAILCUSTOMERS C ON O.CUSTOMERNUMBER = C.CUSTOMERNUMBER

WHERE

O.SHIPPEDDATE IS NOT NULL

AND C.COUNTRY = 'Denmark'

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Q5

CREATE VIEW vwProductOrder AS

SELECT P.PRODUCTCODE, P.PRODUCTNAME, P.MSRP, P.BUYPRICE, OD.QUANTITYORDERED, (OD.PRICEEACH \* OD.QUANTITYORDERED) AS TOTALPRICE

FROM RETAILPRODUCTS P

JOIN ORDERDETAILS OD ON P.PRODUCTCODE = OD.PRODUCTCODE;

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SELECT \* FROM vwProductOrder;

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Q6

SELECT P.PRODUCTNAME, P.BUYPRICE, OD.ORDERLINENUMBER

FROM vwProductOrder PO

JOIN RETAILPRODUCTS P ON PO.PRODUCTCODE = P.PRODUCTCODE

JOIN ORDERDETAILS OD ON OD.PRODUCTCODE = P.PRODUCTCODE

WHERE P.BUYPRICE >= 30 AND P.BUYPRICE <= 40

AND lower(P.PRODUCTCODE) LIKE 's32%'

ORDER BY P.PRODUCTNAME, P.BUYPRICE;

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Q7

SELECT

C.CUSTOMERNUMBER,

C.CONTACTFIRSTNAME AS FIRSTNAME,

C.CONTACTLASTNAME AS LASTNAME,

C.PHONE,

C.CREDITLIMIT

FROM

RETAILCUSTOMERS C

LEFT OUTER JOIN

RETAILORDERS O ON C.CUSTOMERNUMBER = O.CUSTOMERNUMBER

WHERE

O.ORDERNUMBER IS NULL;  
  
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Q8

CREATE VIEW vwEmployeeManager AS

SELECT E1.FirstName AS EmployeeFirstName, E1.LastName AS EmployeeLastName,

E2.FirstName AS ManagerFirstName, E2.LastName AS ManagerLastName

FROM RETAILEMPLOYEES E1

LEFT JOIN RETAILEMPLOYEES E2 ON E1.Reportsto = E2.EmployeeNumber;

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SELECT \* FROM vwEmployeeManager;

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Q9

REPLACE VIEW vwEmployeeManager AS

SELECT

E1.FirstName AS EmployeeFirstName,

E1.LastName AS EmployeeLastName,

E2.FirstName AS ManagerFirstName,

E2.LastName AS ManagerLastName

FROM RETAILEMPLOYEES E1 JOIN RETAILEMPLOYEES E2 ON E1.Reportsto = E2.EmployeeNumber; A screenshot of a computer

Description automatically generated

Q10

DROP VIEW vwProductOrder;

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DROP VIEW vwEmployeeManager;

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