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Q1  
Graphical user interface, text, application

Description automatically generated  
  
  
  
Q2  
SELECT [firstname],[lastname],[city] FROM [dbo].[client]

WHERE [city] = 'Dunedin'

A picture containing text, indoor, screenshot

Description automatically generated  
  
Q3  
SELECT [firstname],[lastname] FROM [dbo].[client]

WHERE [lastname] LIKE 'J%'

Graphical user interface, table

Description automatically generated

Q4  
SELECT [firstname],[lastname],[balance] FROM [dbo].[client]

WHERE [balance] > 50 AND [balance] < 150

Table

Description automatically generated

Q5  
SELECT [firstname],[lastname],[city] FROM [dbo].[client]

WHERE [firstname] = 'Mary' AND [lastname] = 'Nelson'



Q6  
SELECT [firstname],[lastname],[balance],[city] FROM [dbo].[client]

WHERE [balance] < 200

AND [city] = 'Dunedin'

Table

Description automatically generated  
  
  
  
  
  
Q7  
SELECT [custref],[creditlimit],[balance],([creditlimit] - [balance]) AS 'NewBalance' FROM [dbo].[client]

Table

Description automatically generated with medium confidence

Q8  
SELECT [orderref],[partref],[quantity],[quotedPrice],([quantity] \* [quotedPrice]) AS 'LineTotal' FROM [dbo].[orderline]

A picture containing table

Description automatically generated

Q9  
SELECT [orderref],[orderdate] FROM [dbo].[custorder]

WHERE [orderdate] > '1999-06-01'

Table

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Q10  
SELECT [city],COUNT([custref]) AS 'Number in each city' FROM [dbo].[client]

GROUP BY [city]

HAVING COUNT([custref]) > 3

Table

Description automatically generated

Q11  
SELECT rep.repref,SUM(client.balance) AS 'Total balance' FROM [dbo].[rep]

INNER JOIN [dbo].[client] ON rep.repref = client.repref

GROUP by rep.repref

Table

Description automatically generated

Q12  
SELECT [city],MAX([balance]) AS 'Maximum balance' FROM [dbo].[client]

GROUP BY [city]

Table

Description automatically generated

Q13  
SELECT ([firstname] + ' ' + [lastname]) AS 'Client Name', ([RepFirstname] + ' ' + [RepLastName]) AS 'Rep Name' FROM [dbo].[client]

INNER JOIN [dbo].[rep] ON client.repref = rep.repref

Table

Description automatically generated

Q14  
SELECT [orderref],[firstname],[lastname],[orderdate] FROM [dbo].[custorder]

INNER JOIN [dbo].[client] ON custorder.custref = client.custref

Table

Description automatically generated

Q15  
SELECT [orderref],[description],[onHand] FROM [dbo].[orderline]

INNER JOIN [dbo].[part] ON orderline.partref = part.partref

WHERE [orderref] = 1007

Table

Description automatically generated with medium confidence

Q16  
SELECT [orderref],[description],[quotedPrice],[quantity] FROM [dbo].[orderline]

INNER JOIN [dbo].[part] on orderline.partref = part.partref

ORDER BY [description]

Table

Description automatically generated

Q17  
SELECT [orderref],[description],[quotedPrice],[quantity] FROM [dbo].[orderline]

INNER JOIN [dbo].[part] on orderline.partref = part.partref

WHERE [quotedPrice] > 200

Table

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Q18  
SELECT orderline.orderref,[orderdate],[firstname],[lastname],[description],[unitPrice] FROM [dbo].[orderline]

INNER JOIN [dbo].[part] on orderline.partref = part.partref

INNER JOIN [dbo].[custorder] ON orderline.orderref = custorder.orderref

INNER JOIN [dbo].[client] ON custorder.custref = client.custref

Table

Description automatically generated

Q19  
SELECT orderline.orderref,[orderdate],[firstname],[lastname],[description],[unitPrice] FROM [dbo].[orderline]

INNER JOIN [dbo].[part] on orderline.partref = part.partref

INNER JOIN [dbo].[custorder] ON orderline.orderref = custorder.orderref

INNER JOIN [dbo].[client] ON custorder.custref = client.custref

WHERE [orderdate] > '1999-06-10'

Table

Description automatically generated

Q20  
SELECT custorder.orderref,[orderdate],[firstname],[lastname],[RepFirstname],[RepLastName],[description] FROM [dbo].[custorder]

INNER JOIN [dbo].[client] ON custorder.custref = client.custref

INNER JOIN [dbo].[rep] ON client.repref = rep.repref

INNER JOIN [dbo].[orderline] ON custorder.orderref = orderline.orderref

INNER JOIN [dbo].[part] ON part.partref = orderline.partref

Table

Description automatically generated  
  
  
  
  
Q21  
SELECT ([RepFirstname] + ' ' + [RepLastName]) AS 'Rep Name',SUM(client.balance) AS 'Total Balance' FROM [dbo].[rep]

INNER JOIN [dbo].[client] ON rep.repref = client.repref

GROUP BY ([RepFirstname] + ' ' + [RepLastName])

ORDER BY SUM(client.balance)

Table

Description automatically generated

Q22  
SELECT [orderref],SUM([quantity] \* [quotedPrice]) AS 'TOTAL LineTotal' FROM [dbo].[orderline]

GROUP BY [orderref]

Table

Description automatically generated