

1. Write a SQL statement that will list all the columns of the table Line.

Select \* from dbo.LINE

1. Write a SQL Statement to list the P\_Descript column of the product table and the character count and byte count for each description.

Select P\_DESCRIPT, Len(P\_DESCRIPT), DataLength(P\_DESCRIPT) from dbo.PRODUCT

1. Write a SQL Statement to list the customers full name as a single column, and order the results by last name, then first name.

Select CUS\_LNAME + ‘ ‘ + CUS\_FNAME as Full\_Name

From dbo.CUSTOMER

Order by CUS\_LNAME ASC,

CUS\_FNAME ASC

1. Write a SQL Statement to list all customers and invoices, if any.

To List all customers:

Select

CUS\_LNAME + ‘ ‘ + CUS\_FNAME as Full\_Name,

CUS\_CODE

From dbo.CUSTOMER

To List all invoices:

Select \* from dbo.INVOICE

To List all customers with invoices:

Select

CUSTOMER.CUS\_LNAME + ‘ ‘ + CUSTOMER.CUS\_FNAME as Full\_Name,

CUSTOMER.CUS\_CODE,

INVOICE.INV\_NUMBER,

INVOICE.INV\_DATE

From CUSTOMER

INNER JOIN

INVOICE

On CUSTOMER.CUS\_CODE = INVOICE.CUS\_CODE

1. Write a SQL Statement to list all Invoice line numbers and the corresponding description for the product and order by the price of the product.

Select

LINE.INV\_NUMBER,

LINE.LINE\_NUMBER,

LINE.P\_CODE,

PRODUCT.P\_DESCRIPT

From LINE

LEFT OUTER JOIN

PRODUCT

ON

LINE.P\_CODE = PRODUCT.P\_CODE

ORDER BY PRODUCT.P\_PRICE ASC