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CIS 310

11/3/19

Week 10 Homework

1. SELECT COUNT(\*)

FROM INVOICE;

1. SELECT COUNT(\*)

FROM CUSTOMER

WHERE CUS\_BALANCE >500;

1. SELECT CUS\_CODE, INVOICE.INV\_NUMBER, INV\_DATE, P\_DESCRIPT, LINE\_UNITS, LINE\_PRICE

FROM INVOICE JOIN LINE ON INVOICE.INV\_NUMBER = LINE.INV\_NUMBER JOIN PRODUCT ON PRODUCT.P\_CODE = LINE.P\_CODE

ORDER BY CUS\_CODE, INVOICE.INV\_NUMBER, P\_DESCRIPT;

1. SELECT CUS\_CODE, INVOICE.INV\_NUMBER, P\_DESCRIPT, LINE\_UNITS AS "Units Bought", LINE\_PRICE AS "Unit Price", LINE\_UNITS \* LINE\_PRICE AS Subtotal

FROM INVOICE JOIN LINE ON INVOICE.INV\_NUMBER = LINE.INV\_NUMBER JOIN PRODUCT ON LINE.P\_CODE = PRODUCT.P\_CODE

ORDER BY CUS\_CODE, INVOICE.INV\_NUMBER, P\_DESCRIPT;

1. SELECT CUSTOMER.CUS\_CODE, CUS\_BALANCE, SUM(LINE\_UNITS \* LINE\_PRICE) AS "Total Purchases"

FROM CUSTOMER JOIN INVOICE ON CUSTOMER.CUS\_CODE = INVOICE.CUS\_CODE JOIN LINE ON INVOICE.INV\_NUMBER = LINE.INV\_NUMBER

GROUP BY CUSTOMER.CUS\_CODE, CUS\_BALANCE

ORDER BY CUSTOMER.CUS\_CODE;

1. SELECT CUSTOMER.CUS\_CODE, CUS\_BALANCE, SUM(LINE\_UNITS \* LINE\_PRICE) AS "Total Purchases", COUNT(\*) AS "Number of Purchases"

FROM CUSTOMER JOIN INVOICE ON CUSTOMER.CUS\_CODE = INVOICE.CUS\_CODE JOIN LINE ON INVOICE.INV\_NUMBER = LINE.INV\_NUMBER

GROUP BY CUSTOMER.CUS\_CODE, CUS\_BALANCE

ORDER BY CUSTOMER.CUS\_CODE;

1. SELECT CUSTOMER.CUS\_CODE, CUS\_BALANCE, SUM(LINE\_UNITS \* LINE\_PRICE) AS "Total Purchases", COUNT(\*) AS "Number of Purchases", AVG(LINE\_UNITS \* LINE\_PRICE) AS "Average Purchase Amount"

FROM CUSTOMER JOIN INVOICE ON CUSTOMER.CUS\_CODE = INVOICE.CUS\_CODE JOIN LINE ON INVOICE.INV\_NUMBER = LINE.INV\_NUMBER

GROUP BY CUSTOMER.CUS\_CODE, CUS\_BALANCE

ORDER BY CUSTOMER.CUS\_CODE;

1. SELECT INV\_NUMBER, Sum(LINE\_UNITS \* LINE\_PRICE) AS "Invoice Total"

FROM LINE

GROUP BY INV\_NUMBER

ORDER BY INV\_NUMBER;