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CIS 310-01

Week 10 Homework

9. **SELECT** COUNT(INV\_NUMBER) AS CountOfINV\_NUMBER

**FROM** INVOICE;

10. **SELECT** COUNT(CUS\_CODE) AS CountOfCUS\_CODE

**FROM** CUSTOMER;

**WHERE** CUS\_BALANCE > 500;

11. **SELECT** DISTINCTROW INVOICE.CUS\_CODE, INVOICE.INV\_NUMBER, INVOICE.INV\_DATE, PRODUCT.P\_DESCRIPT, LINE.LINE\_UNITS, LINE.LINE\_PRICE

**FROM** CUSTOMER INNER JOIN (INVOICE INNER JOIN (PRODUCT INNER JOIN LINE ON PRODUCT.P\_CODE = LINE.P\_CODE) ON INVOICE.INV\_NUMBER = LINE.INV\_NUMBER) ON CUSTOMER.CUS\_CODE = INVOICE.CUS\_CODE

**ORDER BY** CUS\_CODE, INV\_NUMBER, P\_DESCRIPT;

12. **SELECT** DISTINCTROW INVOICE.CUS\_CODE, INVOICE.INV\_NUMBER, PRODUCT.P\_DESCRIPT, LINE.LINE\_UNITS, LINE.LINE\_PRICE, (LINE\_UNITS\*LINE\_PRICE) AS PRODUCT\_TOTAL

**FROM** CUSTOMER INNER JOIN (INVOICE INNER JOIN (PRODUCT INNER JOIN LINE ON PRODUCT.P\_CODE = LINE.P\_CODE) ON INVOICE.INV\_NUMBER = LINE.INV\_NUMBER) ON CUSTOMER.CUS\_CODE = INVOICE.CUS\_CODE

**GROUP BY** CUS\_CODE, INV\_NUMBER, P\_DESCRIPT;

13. **SELECT** DISTINCTROW INVOICE.CUS\_CODE, CUSTOMER.CUS\_BALANCE, SUM(LINE\_UNITS \*LINE\_PRICE) AS TOTAL\_PURCHASE

**FROM** CUSTOMER INNER JOIN (INVOICE INNER JOIN LINE ON INVOICE.INV\_NUMBER = LINE.INV\_NUMBER) ON CUSTOMER.CUS\_CODE = INVOICE.CUS\_CODE

**ORDER BY** CUS\_CODE;

14. **SELECT** DISTINCTROW INVOICE.CUS\_CODE, CUSTOMER.CUS\_BALANCE, SUM(LINE\_UNITS \* LINE\_PRICE) AS PURCHASE\_TOTAL, COUNT(INVOICE.CUS\_CODE) AS “NumOfPurchases”

**FROM** CUSTOMER INNER JOIN (INVOICE INNER JOIN LINE ON INVOICE.INV\_NUMBER = LINE.INV\_NUMBER) ON CUSTOMER.CUS\_CODE = INVOICE.CUS\_CODE

**GROUP BY** CUS\_CODE;

15. **SELECT** CUSTOMER.CUS\_CODE, CUSTOMER.CUS\_BALANCE, SUM(LINE\_UNITS \* LINE\_PRICE) AS TOTAL\_PURCHASES, COUNT(LINE.INV\_NUMBER) AS NUM\_OF\_PURCHASES, AVG(LINE\_UNITS \*LINE\_PRICE) AS AVG\_PURCHASE\_AMT

**FROM** CUSTOMER INNER JOIN (INVOICE INNER JOIN LINE ON INVOICE.INV\_NUMBER = LINE.INV\_NUMBER) ON CUSTOMER.CUS\_CODE = INVOICE.CUS\_CODE

**GROUP BY** CUS\_CODE;

16. **SELECT** DISTINCTROW LINE.INV\_NUMBER, SUM(LINE\_UNITS\*LINE\_PRICE) AS INV\_TOTAL

**FROM** LINE

**GROUP BY** INV\_NUMBER;