Assignment 10

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1. **SELECT COUNT(INV\_NUMBER) FROM** INVOICE;
2. **SELECT** **COUNT(CUS\_CODE)** **FROM** CUSTOMER **WHERE** CUS\_BALANCE **>** 500;
3. **SELECT** CUS\_CODE, INVOICE.INV\_NUMBER, INV\_DATE, P\_DESCRIPT, LINE\_UNITS, LINE\_PRICE  
   **FROM** INVOICE, LINE, PRODUCT  
   **WHERE** INVOICE.INV\_NUMBER = LINE.INV\_NUMBER  
   AND PRODUCT.P\_CODE = LINE.P\_CODE  
   **ORDER BY** INVOICE.CUS\_CODE, INVOICE.INV\_NUMBER, PRODUCT.P\_DESCRIPT;
4. **SELECT** INVOICE.CUS\_CODE, INVOICE.INV\_NUMBER, PRODUCT.P\_DESCRIPT, LINE.LINE\_UNITS **AS** 'Units Bought', LINE.LINE\_PRICE **AS** 'Unit Price', LINE.LINE\_UNITS\*LINE.LINE\_PRICE **AS** Subtotal

**FROM** CUSTOMER, INVOICE, LINE, PRODUCT

**WHERE** CUSTOMER.CUS\_CODE = INVOICE.CUS\_CODE

AND INVOICE.INV\_NUMBER = LINE.INV\_NUMBER

AND PRODUCT.P\_CODE = LINE.P\_CODE

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

1. **SELECT** INVOICE.CUS\_CODE, CUSTOMER.CUS\_BALANCE,

**SUM** (LINE.LINE\_UNITS\*LINE.LINE\_PRICE) **AS** 'Total Purchases'

**FROM** CUSTOMER, INVOICE, LINE

**WHERE** INVOICE.INV\_NUMBER = LINE.INV\_NUMBER

AND CUSTOMER.CUS\_CODE = INVOICE.CUS\_CODE

**GROUP BY** INVOICE.CUS\_CODE, CUSTOMER.CUS\_BALANCE;

1. **SELECT** INVOICE.CUS\_CODE, CUSTOMER.CUS BALANCE,

**SUM** (LINE.LINE\_UNITS\*LINE.LINE\_PRICE) **AS** 'Total Purchases', Count (\*) **AS** 'Number of Purchases'

**FROM** CUSTOMER, INVOICE, LINE

**WHERE** INVOICE.INV\_NUMBER = LINE.INV\_NUMBER

AND CUSTOMER.CUS\_CODE = INVOICE.CUS\_CODE

**GROUP** **BY** INVOICE.CUS\_CODE, CUSTOMER.CUS\_BALANCE;

1. **SELECT** INVOICE.CUS\_CODE, CUSTOMER.CUS\_BALANCE,

**SUM** (LINE.LINE\_UNITS\*LINE.LINE\_PRICE) **AS** 'Total Purchases', Count (\*) **AS** 'Number of Purchases', AVG (LINE.LINE\_UNITS\*LINE.LINE\_PRICE) **AS** 'Average Purchase Amount'

**FROM** CUSTOMER, INVOICE, LINE

**WHERE** INVOICE.INV\_NUMBER = LINE.INV\_NUMBER

AND CUSTOMER.CUS\_CODE = INVOICE.CUS\_CODE

**GROUP BY** INVOICE.CUS\_CODE, CUSTOMER.CUS\_BALANCE;

1. **SELECT** LINE.INV\_NUMBER,

**SUM** (LINE.LINE\_UNITS\*LINE.LINE\_PRICE) **AS** 'Invoice Total'

**FROM** LINE

**GROUP BY** LINE.INV\_NUMBER;