Week 10 Sohal Patel

9.

SELECT

COUNT( \* )

FROM

INVOICE;

10.

SELECT

COUNT( \* )

FROM

CUSTOMER

WHERE

CUS\_BALANCE > 500;

11.

SELECT

C.CUS\_CODE,

I.INV\_NUMBER,

I.INV\_DATE,

P.P\_DESCRIPT,

L.LINE\_UNITS,

L.LINE\_PRICE

FROM

CUSTOMER C

JOIN INVOICE I ON C.CUS\_CODE = I.CUS\_CODE

JOIN LINE L ON L.INV\_NUMBER = I.INV\_NUMBER

JOIN PRODUCT P ON P.P\_CODE = L.P\_CODE

ORDER BY

C.CUS\_CODE ASC,

I.INV\_NUMBER ASC,

P.P\_DESCRIPT ASC;

12.

SELECT

C.CUS\_CODE,

I.INV\_NUMBER,

P.P\_DESCRIPT,

L.LINE\_UNITS AS 'Units Bought',

L.LINE\_PRICE AS 'Unit Price',

ROUND( L.LINE\_UNITS \* L.LINE\_PRICE, 2 ) AS 'Subtotal'

FROM

CUSTOMER C

JOIN INVOICE I ON C.CUS\_CODE = I.CUS\_CODE

JOIN LINE L ON L.INV\_NUMBER = I.INV\_NUMBER

JOIN PRODUCT P ON P.P\_CODE = L.P\_CODE

ORDER BY

C.CUS\_CODE ASC,

I.INV\_NUMBER ASC,

P.P\_DESCRIPT ASC;

13.

SELECT

C.CUS\_CODE,

C.CUS\_BALANCE,

ROUND( SUM( L.LINE\_UNITS \* L.LINE\_PRICE ), 2 ) AS 'Total Purchases'

FROM

CUSTOMER C

JOIN INVOICE I ON C.CUS\_CODE = I.CUS\_CODE

JOIN LINE L ON L.INV\_NUMBER = I.INV\_NUMBER

GROUP BY

C.CUS\_CODE, CUS\_BALANCE

ORDER BY

C.CUS\_CODE, CUS\_BALANCE ASC;

14.

SELECT

C.CUS\_CODE,

C.CUS\_BALANCE,

ROUND( SUM( L.LINE\_UNITS \* L.LINE\_PRICE ), 2 ) AS 'Total Purchases',

COUNT( I.CUS\_CODE ) AS 'Number of Purchases'

FROM

CUSTOMER C

JOIN INVOICE I ON C.CUS\_CODE = I.CUS\_CODE

JOIN LINE L ON L.INV\_NUMBER = I.INV\_NUMBER

GROUP BY

C.CUS\_CODE, CUS\_BALANCE

ORDER BY

C.CUS\_CODE, CUS\_BALANCE ASC;

15.

SELECT

C.CUS\_CODE,

C.CUS\_BALANCE,

ROUND( SUM( L.LINE\_UNITS \* L.LINE\_PRICE ), 2 ) AS 'Total Purchases',

COUNT( I.CUS\_CODE ) AS 'Number of Purchases',

ROUND( SUM( L.LINE\_UNITS \* L.LINE\_PRICE ) / COUNT( I.CUS\_CODE ), 2 ) AS 'Average Purchase Amount'

FROM

CUSTOMER C

JOIN INVOICE I ON C.CUS\_CODE = I.CUS\_CODE

JOIN LINE L ON L.INV\_NUMBER = I.INV\_NUMBER

GROUP BY

C.CUS\_CODE, CUS\_BALANCE

ORDER BY

C.CUS\_CODE, CUS\_BALANCE ASC;

16.

SELECT

I.INV\_NUMBER,

ROUND( SUM( L.LINE\_PRICE \* L.LINE\_UNITS), 2 ) AS 'Invoice Total'

FROM

INVOICE I

JOIN LINE L ON I.INV\_NUMBER = L.INV\_NUMBER

GROUP BY

I.INV\_NUMBER

ORDER BY

I.INV\_NUMBER ASC;