Database reporting

Name of student

Name of professor

University

Course

Date

**PART B;**

--READ FROM THE TABLES

SELECT \* FROM SHIPPERS;

SELECT \* FROM SUPPLERS;

SELECT \* FROM EMPLOYEES\_TABLE;

SELECT \* FROM PRODUCTS;

SELECT \* FROM CUSTOMERS;

SELECT \* FROM ORDERS;

SELECT \* FROM ORDERDETAILS;

**B1.**

SELECT a.ORDER\_ID,a.QUANTITY,c.PRODUCT\_ID,c.REORDER\_LEVEL,  FROM ORDERS a

LEFT OUTER JOIN ORDERDETAILS b

ON a.ORDER\_ID = b.ORDER\_ID

LEFT OUTER JOIN PRODUCTS c

ON b.PRODUCT\_ID = c.PRODUCT\_ID

LEFT OUTER JOIN SUPPLIERS d

c.SUPPLIER\_ID = c.SUPPLIER\_ID

WHERE b.QUANTITY > 65 AND b.QUANTITY >75

ORDER BY ORDER\_ID ASC

**B2**

SELECT a.PRODUCT\_ID, a.PRODUCT\_NAME,

a.ENGLISH\_NAME,a.UNIT\_PRICE FROM PRODUCTS a

WHERE a.UNIT\_PRICE <80

ORDER BY a.PRODUCT\_ID ASC

**B3**

SELECT CUSTOMER\_ID, COMPANY\_NAME,COUNTRY, PHONE

FROM  CUSTOMERS WHERE COUNTRY LIKE '%CANADA%' OR COUNTRY LIKE '%USA%'

ORDER BY PHONE ASC

**B4.**

SELECT a.SUPPLIER\_ID,a.SUPPLIER\_NAME,b.PRODUCT\_NAME,

sum(b.REORDER\_LEVEL),sum(b.UNITS\_INSTOCK) FROM PRODUCTS a

LEFT OUTER JOIN SUPPLIERS b

ON a.PRODUCT\_ID = b.PRODUCT\_ID

WHERE sum(b.REORDER\_LEVEL) = sum(b.UNITS\_INSTOCK)

ORDER BY b.SUPPLIER\_ID ASC

**B5.**

SELECT a.ORDER\_ID, b.COMPANY\_NAME, b.CONTACT\_NAME, TO\_CHAR(a.SHIPPED\_DATE,'YYYY-MM-DD'),

CASE WHEN

'2009-01-01' MINUS TO\_CHAR(a.SHIPPED\_DATE,'YYYY-MM-DD') THEN COUNT(YEAR('2009-01-01' MINUS TO\_CHAR(a.SHIPPED\_DATE,'YYYY-MM-DD')))

FROM ORDERS a

LEFT OUTER JOIN CUSTOMERS b

ON a.ORDER\_ID = b.ORDER\_ID

WHERE TO\_CHAR(a.SHIPPED\_DATE,'YYYY-MM-DD') >= '01-01-1994'

ORDER BY a.ORDER\_ID ASC

**B6.**

SELECT a.ORDER\_ID, b.PRODUCT\_NAME,c.COMPANY\_NAME,a.ORDER\_DATE,

CASE WHEN (DAY(TO\_CHAR(a.SHIPPED\_DATE,'YYYY-MM-DD'))) + 10 THEN 'NEWSHIPPED\_DATE',

(a.QUANTITY\*a.UNIT\_PRICE)ORDER\_COST

FROM ORDERS a

LEFT OUTER JOIN PRODUCTS b

on a.PRODUCT\_ID = b.PRODUCT\_ID

LEFT OUTER JOIN CUSTOMERS

ON a.CUSTOMER\_ID = c.CUSTOMER\_ID

WHERE a.ORDER\_DATE >= '01-01-1992' AND a.ORDER\_DATE <= '30-03-1992'

ORDER BY a.ORDER\_ID ASC

**B7.**

SELECT a.ORDER\_ID, a.UNIT\_PRICE, a.QUANTITY FROM ORDERDETAILS a

LEFT OUTER JOIN CUSTOMERS b

ON a.ORDER\_ID = b.a.ORDER\_ID

WHERE b.CUSTOMERS = 'VANCOUVER'

ORDER BY a.ORDER\_ID ASC

**B8.**

SELECT a.CUSTOMER\_ID,a.COMPANY\_NAME,a.FAX,b.ORDER\_ID,b.ORDER\_DATE

FROM CUSTOMERS a

LEFT OUTER JOIN ORDERS b

ON a.ORDER\_ID = b.ORDER\_ID

ORDER BY b.ORDER\_ID ASC

**B9.**

SELECT a.PRODUCT\_ID, a.PRODUCT\_NAME,a.QUANTITYPERUNIT,a.UNIT\_PRICE

FROM PRODUCTS a

WHERE PRODUCT\_NAME LIKE '%TOFU' AND PRODUCT\_NAME LIKE '%CHOFU%'

ORDER BY a.PRODUCT\_ID ASC

**B10.**

SELECT LEFT(PRODUCT\_NAME, 1), COUNT(\*) FROM PRODUCTS

GROUP BY PRODUCT\_NAME