**DBS201 Lab 4 (revised Winter 2019) Name: ASHISH SHEORAN**

1. What statement will produce the Cust\_Rep view where names show as “Sally Adam” for the customer and “Mary Jones” for the sales rep. Assume the Set schema command was not run and refer to PREMIER??? in the appropriate areas. Make sure your written statement is readable.

CREATE VIEW CUST\_REP AS SELECT c.CUSTOMER\_NUMBER,

TRIM(c.FIRST\_NAME) ||' '|| TRIM(c.LAST\_NAME) as CUST\_NAME,

TRIM(s.FIRST\_NAME) ||' '|| TRIM(s.LAST\_NAME) as REP\_NAME FROM

PREMIERG32.CUSTOMER c, PREMIERG32.SALESREP s WHERE

c.SALES\_REP\_NUMBER=s.SALES\_REP\_NUMBER

1. Why is it a good thing you got an error when you tried to delete all the data in the SALESREP table?

While deleting all the data of the SALESREP table, we got an error because this table is being modified as the parent table in a relationship with dependent table CUSTOMER. The good thing is if someday we accidently give command to delete anything from these tables, we would not be able to do it. And it will save our data from accidental loss.

1. Provide the statements to load data into the CUSTOMER and SALESREP tables in the correct order.

INSERT INTO PREMIERG32.SALESREP

SELECT \* FROM PREMIERE.SALESREP

5 rows inserted in SALESREP in PREMIERG32.

INSERT INTO PREMIERG32.CUSTOMER

SELECT \* FROM PREMIERE.CUSTOMER

10 rows inserted in CUSTOMER in PREMIERG32.

1. Why does the order matter?

While making alteration in any dependent table, we always need to follow a certain order which requires making changes to the parent table first and then make alterations in the dependent table. Without inserting/deleting in the parent table, we could not insert/delete in the dependent table

1. Provide the properly formatted statement that will produce the OrderInfo view.

CREATE VIEW ORDERINFO AS

SELECT o.ORDER\_DATE, o.CUSTOMER\_NUMBER,ol.ORDER\_NUMBER,

p.PART\_NUMBER,ol.NUMBER\_ORDERED, ol.QUOTED\_PRICE,

(ol.NUMBER\_ORDERED\*ol.QUOTED\_PRICE)"COST"

FROM PART p, ORDERLINE ol, ORDERS o

WHERE ol.PART\_NUMBER=p.PART\_NUMBER

AND o.ORDER\_NUMBER=ol.ORDER\_NUMBER

View ORDERINFO created in PREMIERG32.

1. Provide the statement that will help you produce the OrderInfo report in Total Cost order.

SELECT SUM(NUMBER\_ORDERED\*QUOTED\_PRICE)"TOTAL COST ORDER"

FROM ORDERINFO

SELECT statement run complete.

1. Provide the statement you used to get a copy of the Orderline table definition and data into your collection.

CREATE TABLE ORDERLINE as

(SELECT \* FROM PREMIERE.ORDERLINE) with data

Table ORDERLINE created in PREMIERG32.