**LAB DATA OPERATIONS**

SQL> conn

Enter user-name: aryan

Enter password:

Connected.

SQL> create table Lab\_data(Item\_code number(10),Item\_name char(15),Quantity number(10), Make char(15),Status char(10));

Table created.

SQL> insert into Lab\_data(Item\_code,Item\_name,Quantity,Make,Status) values (1001,'CRO',5,'Scientech','');

1 row created.

SQL> insert into Lab\_data(Item\_code,Item\_name,Quantity,Make,Status) values (1002,'S generator',5,'APLAB','');

1 row created

SQL> insert into Lab\_data(Item\_code,Item\_name) values (1003,'IC testor');

1 row created.

SQL> insert into Lab\_data values (1004,'D CRO',2,'Sigma','');

1 row created.

SQL> insert into Lab\_data values (1005,'D Multimeter',3,'APLAB','');

1 row created.

SQL> insert into Lab\_data values (&Item\_code,'&Item\_name',&Quantity,'&Make','&Status');

Enter value for item\_code: 1006

Enter value for item\_name: CRO probes

Enter value for quantity: 10

Enter value for make: Edkit

Enter value for status: ''

old 1: insert into Lab\_data values (&Item\_code,'&Item\_name',&Quantity,'&Make','&Status')

new 1: insert into Lab\_data values (1006,'CRO probes',10,'Edkit','''')

1 row created.

SQL> /

Enter value for item\_code: 1007

Enter value for item\_name: LUX meter

Enter value for quantity: 5

Enter value for make: APLAB

Enter value for status: ''

old 1: insert into Lab\_data values (&Item\_code,'&Item\_name',&Quantity,'&Make','&Status')

new 1: insert into Lab\_data values (1007,'LUX meter',5,'APLAB','''')

1 row created.

SQL> /

Enter value for item\_code: 1008

Enter value for item\_name: A MMETER

Enter value for quantity: 03

Enter value for make: APLAB

Enter value for status: ''

old 1: insert into Lab\_data values (&Item\_code,'&Item\_name',&Quantity,'&Make','&Status')

new 1: insert into Lab\_data values (1008,'A MMETER',03,'APLAB','''')

1 row created.

SQL> select \* from Lab\_data;

ITEM\_CODE ITEM\_NAME QUANTITY MAKE STATUS

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1001 CRO 5 Scientech

1002 S generator 5 APLAB

1003 IC testor

1004 D CRO 2 Sigma

1005 D Multimeter 3 APLAB

1006 CRO probes 10 Edkit '

1007 LUX meter 5 APLAB '

1008 A MMETER 3 APLAB '

8 rows selected.

SQL> select distinct Make from Lab\_data

MAKE

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Sigma

APLAB

Scientech

Edkit

SQL> select Item\_code,Item\_name from Lab\_data;

ITEM\_CODE ITEM\_NAME

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1001 CRO

1002 S generator

1003 IC testor

1004 D CRO

1005 D Multimeter

1006 CRO probes

1007 LUX meter

1008 A MMETER

8 rows selected.

SQL> select \* from Lab\_data where Quantity<5;

ITEM\_CODE ITEM\_NAME QUANTITY MAKE STATUS

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1004 D CRO 2 Sigma

1005 D Multimeter 3 APLAB

1008 A MMETER 3 APLAB

SQL> update Lab\_data set Item\_name='digital\_CRO' where Item\_code=1001;

1 row updated.

SQL> update Lab\_data set Status='working'

8 rows updated.

SQL> delete from Lab\_data where item\_name='IC testor';

1 row deleted.

SQL> select \* from Lab\_data;

ITEM\_CODE ITEM\_NAME QUANTITY MAKE STATUS

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1001 digital\_CRO 5 Scientech working

1002 S generator 5 APLAB working

1004 D CRO 2 Sigma working

1005 D Multimeter 3 APLAB working

1006 CRO probes 10 Edkit working

1007 LUX meter 5 APLAB working

1008 A MMETER 3 APLAB working

7 rows selected.

SQL> delete from Lab\_data where quantity<5;

3 rows deleted.