PROCEDURE

QUERY 1: CREATE TABLE:

SQL> create table stock(item\_code number(5)primary key,name varchar2(10),curr\_stock number(5),dlp date);

Table created.

RESULT 1:

SQL> desc stock;

Name Null? Type

--------------------------------------------------------------------------------

ITEM\_CODE NOT NULL NUMBER(5)

NAME VARCHAR2(10)

CURR\_STOCK NUMBER(5)

DLP DATE

QUERY 2: INSERT VARIOUS RECORDS INTO THE TABLE:

SQL> insert into stock values(&item\_code,'&name','&curr\_stock','&dlp');

Enter value for item\_code: 100

Enter value for name: mouse

Enter value for curr\_stock: 10

Enter value for dlp: 1-jan-2018

old 1: insert into stock values(&item\_code,'&name','&curr\_stock','&dlp')

new 1: insert into stock values(100,'mouse','10','1-jan-2018')

1 row created.

SQL> insert into stock values(&item\_code,'&name','&curr\_stock','&dlp');

Enter value for item\_code: 101

Enter value for name: printer

Enter value for curr\_stock: 20

Enter value for dlp: 25-mar-2018

old 1: insert into stock values(&item\_code,'&name','&curr\_stock','&dlp')

new 1: insert into stock values(101,'printer','20','25-mar-2018')

1 row created.

SQL> insert into stock values(&item\_code,'&name','&curr\_stock','&dlp');

Enter value for item\_code: 102

Enter value for name: keyboard

Enter value for curr\_stock: 25

Enter value for dlp: 4-apr-2018

old 1: insert into stock values(&item\_code,'&name','&curr\_stock','&dlp')

new 1: insert into stock values(102,'keyboard','25','4-apr-2018')

1 row created.

SQL> insert into stock values(&item\_code,'&name','&curr\_stock','&dlp');

Enter value for item\_code: 103

Enter value for name: pendrive

Enter value for curr\_stock: 30

Enter value for dlp: 1-jan-2017

old 1: insert into stock values(&item\_code,'&name','&curr\_stock','&dlp')

new 1: insert into stock values(103,'pendrive','30','1-jan-2017')

1 row created.

RESULT 2:

SQL> select \* from stock;

ITEM\_CODE NAME CURR\_STOCK DLP

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100 mouse 10 01-JAN-18

101 printer 20 25-MAR-18

102 keyboard 25 04-APR-18

103 pendrive 30 01-JAN-17

QUERY 3: CREATE PROCEDURE:

SQL> create or replace procedure stock\_pr(i number,s number)is

2 a date;

3 b stock.dlp%type;

4 c number(5);

5 begin

6 select sysdate into a from dual;

7 select dlp into b from stock where item\_code=i;

8 select months\_between(a,b)into c from dual;

9 if c>=12 then

10 delete from stock where item\_code=i;

11 else

12 update stock set curr\_stock=curr\_stock+s where item\_code=i;

13 end if;

14 end;

15 /

Procedure created.

RESULT 3:

SQL> begin

2 stock\_pr(100,100);

3 end;

4 /

PL/SQL procedure successfully completed.

SQL> select \* from stock;

ITEM\_CODE NAME CURR\_STOCK DLP

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100 mouse 110 01-JAN-18

101 printer 20 25-MAR-18

102 keyboard 25 04-APR-18

103 pendrive 30 01-JAN-17

SQL> begin

2 stock\_pr(103,10);

3 end;

4 /

PL/SQL procedure successfully completed.

SQL> select \* from stock;

ITEM\_CODE NAME CURR\_STOCK DLP

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100 mouse 110 01-JAN-18

101 printer 20 25-MAR-18

102 keyboard 25 04-APR-18