SQL> @D:/Ex08.sql

SQL> REM 1. For the given receipt number, if there are no rows then display as

SQL> REM “No order with the given receipt <number>”. If the receipt contains more

SQL> REM than one item, display as “The given receipt <number> contains more than

SQL> REM one item”. If the receipt contains single item, display as “The given

SQL> REM receipt <number> contains exactly one item”. Use predefined exception handling.

SQL>

SQL> declare

2 i products.pid%type;

3 r receipts.rno%type;

4 begin

5 r := &receipt\_no;

6 begin

7 select i1.item into i from item\_list i1 where i1.rno = r;

8 EXCEPTION WHEN NO\_DATA\_FOUND then

9 dbms\_output.put\_line('NO SUCH DATA');

10 RETURN;

11 WHEN TOO\_MANY\_ROWS THEN

12 DBMS\_OUTPUT.PUT\_LINE('More than one receipts were found for '||r);

13 RETURN;

14 end;

15 if SQL%ROWCOUNT=1 then

16 DBMS\_OUTPUT.PUT\_LINE('One receipt was found for '||r);

17 end if;

18 end;

19 /

Enter value for receipt\_no: 67314

old 5: r := &receipt\_no;

new 5: r := 67314;

More than one receipts were found for 67314

PL/SQL procedure successfully completed.

SQL> REM 2. While inserting the receipt details, raise an exception when the

SQL> REM receipt date is greater than the current date.

SQL>

SQL> declare

2 INVALID\_DATE EXCEPTION;

3 rec Receipts.rno%type;

4 rd date;

5 custid Receipts.cid%type;

6 cd date;

7 begin

8 select sysdate into cd from dual;

9 rec := &Receipt\_no;

10 custid:= &CID;

11 rd := &Receipt\_date;

12 begin

13 if rd > cd then

14 raise INVALID\_DATE;

15 end if;

16 exception when INVALID\_DATE then

17 dbms\_output.put\_line('Date is greater than current date: Receipt cannot be inserted');

18 return;

19 end;

20 insert into Receipts values(rec, rd, custid);

21 end;

22

23 /

Enter value for receipt\_no: 50000

old 9: rec := &Receipt\_no;

new 9: rec := 50000;

Enter value for cid: 5

old 10: custid:= &CID;

new 10: custid:= 5;

Enter value for receipt\_date: '2-oct-2019'

old 11: rd := &Receipt\_date;

new 11: rd := '2-oct-2019';

Date is greater than current date: Receipt cannot be inserted

PL/SQL procedure successfully completed.

SQL>

SQL> spool off;