

```

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;