

PART IV

TABLE: Challan_Header

```
create table challan_header
(
Challan_no          varchar2(6)    Primary key,
s_order_no         varchar2(6)    references salse_order,
challan_date       date            not null,
billed_yn          char(1)        DEFAULT 'N',
CHECK (billed_yn in ('Y','N')));

Insert into challan_header values ('CH9001', 'o19001','12-DEC-95', 'Y');
Insert into challan_header values ('CH865', 'o46866','12-NOV-95', 'Y');
Insert into challan_header values ('CH3965', 'o10008','12-OCT-95', 'Y');
```

TABLE: Challan_Details

```
create table challan_details
(
Challan_no          varchar2(6),
Qty_disp            number(4,2)    not null,
product_no          varchar2(6)    references product_master,
Primary key(Challan_no, product_no));

Insert into challan_details values ('CH9001', 4, 'P00001');
Insert into challan_details values ('CH9001', 1, 'P07965');
Insert into challan_details values ('CH9001', 1, 'P07885');
Insert into challan_details values ('CH6865', 3, 'P07868');
Insert into challan_details values ('CH6865', 4, 'P03453');
Insert into challan_details values ('CH6865', 10, 'P00001');
Insert into challan_details values ('CH3965', 5, 'P00001');
Insert into challan_details values ('CH3965', 2, 'P07975');
```

1. Add a new column phone_no in the client_master table.

Ans:

```
alter table client_master add phone_no number(10);
commit;
```

2. Add the not null constraint in the product_master table with the columns description, profit percent , sell price and cost price

Ans:

```
alter table product_master modify (description not null, profit_percent not null, sell_price not null,
cost_price not null);
commit;
```

3. Change the size of client_no field in the client_master table.

Ans: alter table client_master modify client_no varchar2(8); commit;

4. Select product_no, description where profit percent is between 20 and 30 both inclusive.

Ans: select product_no, description from product_master where profit_percent >20 and profit_percent <30;