



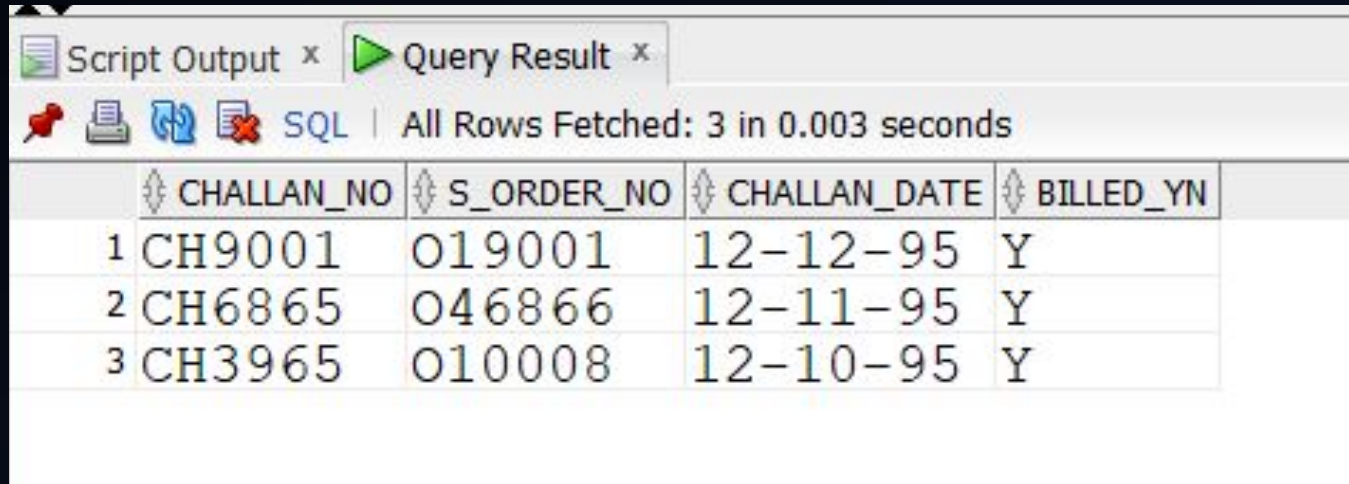
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DBMS ASSIGNMENT 5

CE076

20CEUOS018

1.Create challan_header table and insert data.



The screenshot shows a database application window with two tabs: 'Script Output' and 'Query Result'. The 'Query Result' tab is active, displaying the results of an SQL query. The results are shown in a table with four columns: 'CHALLAN_NO', 'S_ORDER_NO', 'CHALLAN_DATE', and 'BILLED_YN'. There are three rows of data. The status bar at the top of the table indicates 'All Rows Fetched: 3 in 0.003 seconds'.

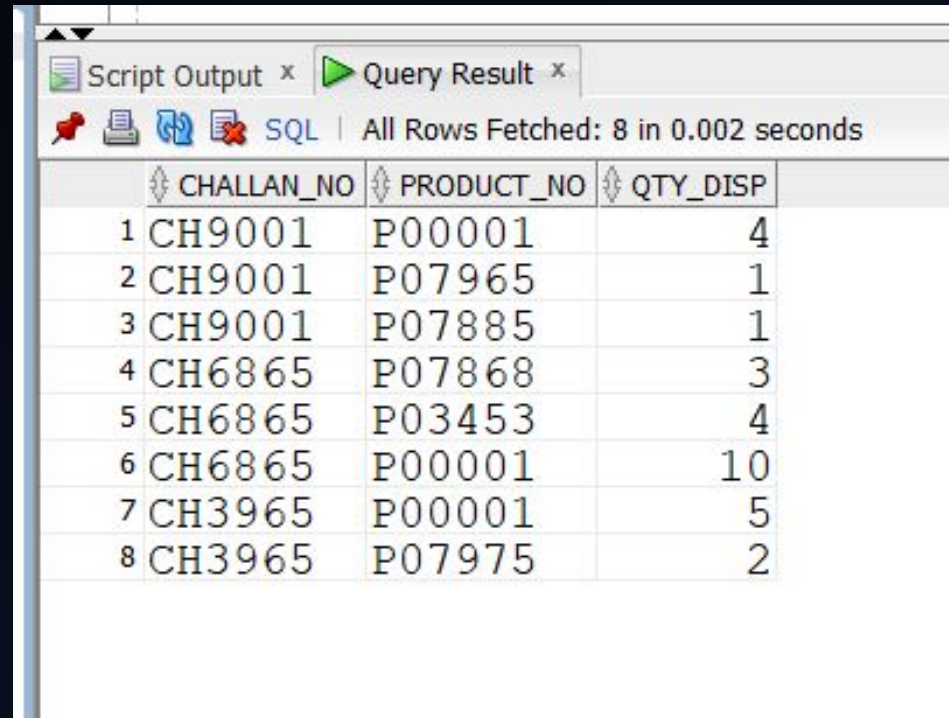
	CHALLAN_NO	S_ORDER_NO	CHALLAN_DATE	BILLED_YN
1	CH9001	O19001	12-12-95	Y
2	CH6865	O46866	12-11-95	Y
3	CH3965	O10008	12-10-95	Y

```
create table Challan_Header (  
Challan_no varchar2(6)primary key,  
s_order_no varchar2(6),  
challan_date date NOT NULL,  
billed_yn char(1)default('N'),  
check(billed_yn IN('Y','N')),  
FOREIGN KEY(s_order_no)REFERENCES sales_order);
```

```
desc challan_header;
```

```
insert into challan_header values('CH9001','O19001','12-DEC-95','Y');  
insert into challan_header values('CH6865','O46866','12-NOV-95','Y');  
insert into challan_header values('CH3965','O10008','12-OCT-95','Y');
```

2.Create challan-details table and insert data

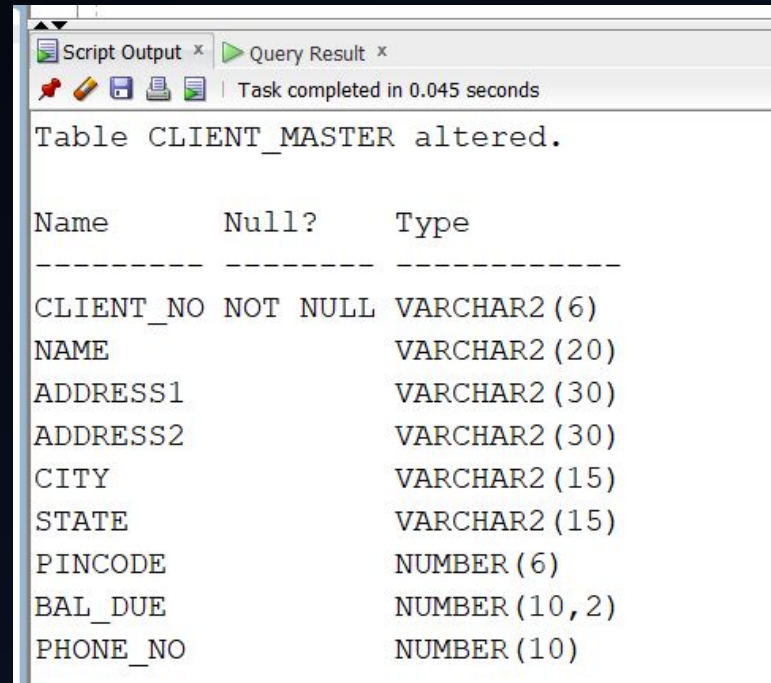


The screenshot shows a database application window with two tabs: 'Script Output' and 'Query Result'. The 'Query Result' tab is active, displaying a table with 8 rows of data. The table has three columns: 'CHALLAN_NO', 'PRODUCT_NO', and 'QTY_DISP'. The data is as follows:

	CHALLAN_NO	PRODUCT_NO	QTY_DISP
1	CH9001	P00001	4
2	CH9001	P07965	1
3	CH9001	P07885	1
4	CH6865	P07868	3
5	CH6865	P03453	4
6	CH6865	P00001	10
7	CH3965	P00001	5
8	CH3965	P07975	2

```
create table Challan_Details (  
    Challan_no varchar2(6),  
    Product_no varchar2(6),  
    Qty_disp number(4,2) NOT NULL,  
    FOREIGN key(Challan_no) references Challan_Header,  
    FOREIGN key(Product_no) references Product_master  
);  
  
desc challan_details;  
  
insert into challan_details values('CH9001','P00001',4);  
insert into challan_details values('CH9001','P07965',1);  
insert into challan_details values('CH9001','P07885',1);  
insert into challan_details values('CH6865','P07868',3);  
insert into challan_details values('CH6865','P03453',4);  
insert into challan_details values('CH6865','P00001',10);  
insert into challan_details values('CH3965','P00001',5);  
insert into challan_details values('CH3965','P07975',2);  
  
select * from challan_details;
```

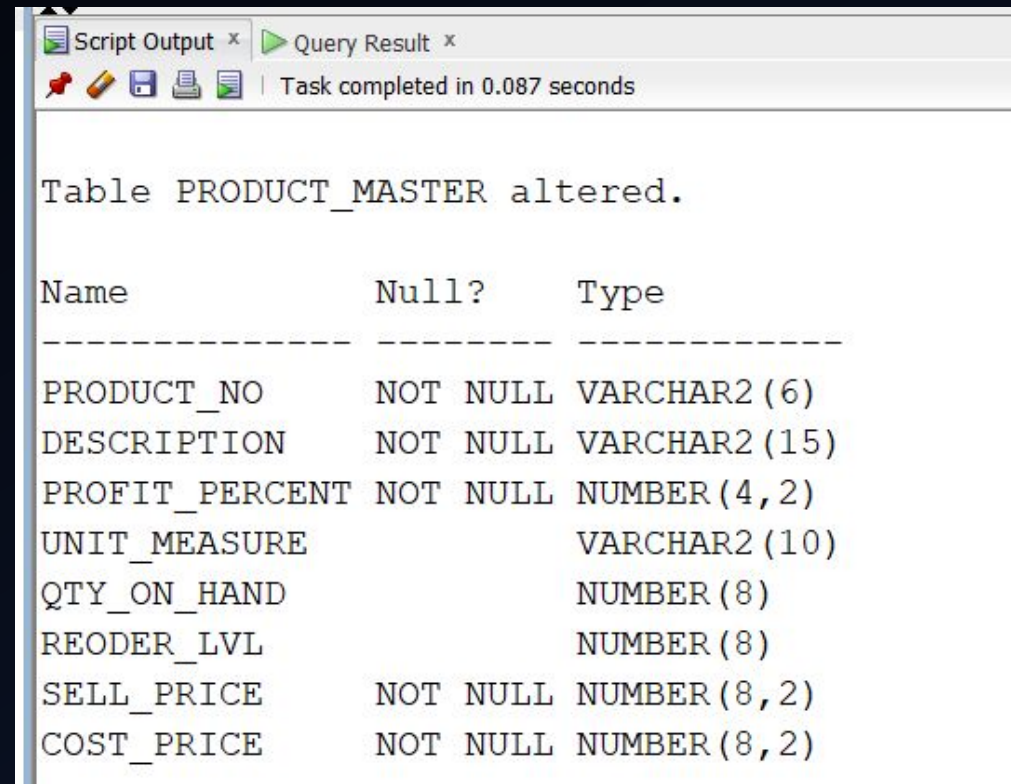
3.1..Add a new column phone_no in the client_master table with datatype number(10).



The screenshot shows a database application window with two tabs: 'Script Output' and 'Query Result'. The 'Query Result' tab is active, displaying the message 'Table CLIENT_MASTER altered.' and a table structure. The table has three columns: 'Name', 'Null?', and 'Type'. The rows list the columns of the CLIENT_MASTER table: CLIENT_NO, NAME, ADDRESS1, ADDRESS2, CITY, STATE, PINCODE, BAL_DUE, and PHONE_NO. The data types are VARCHAR2(6), VARCHAR2(20), VARCHAR2(30), VARCHAR2(30), VARCHAR2(15), VARCHAR2(15), NUMBER(6), NUMBER(10,2), and NUMBER(10) respectively. The 'Null?' column shows 'NOT NULL' for CLIENT_NO and is empty for the other columns.

Name	Null?	Type
CLIENT_NO	NOT NULL	VARCHAR2(6)
NAME		VARCHAR2(20)
ADDRESS1		VARCHAR2(30)
ADDRESS2		VARCHAR2(30)
CITY		VARCHAR2(15)
STATE		VARCHAR2(15)
PINCODE		NUMBER(6)
BAL_DUE		NUMBER(10,2)
PHONE_NO		NUMBER(10)

3.2..Add the not null constraint in the product_master table with the columnsdescription, profit percent , sell price and cost price.



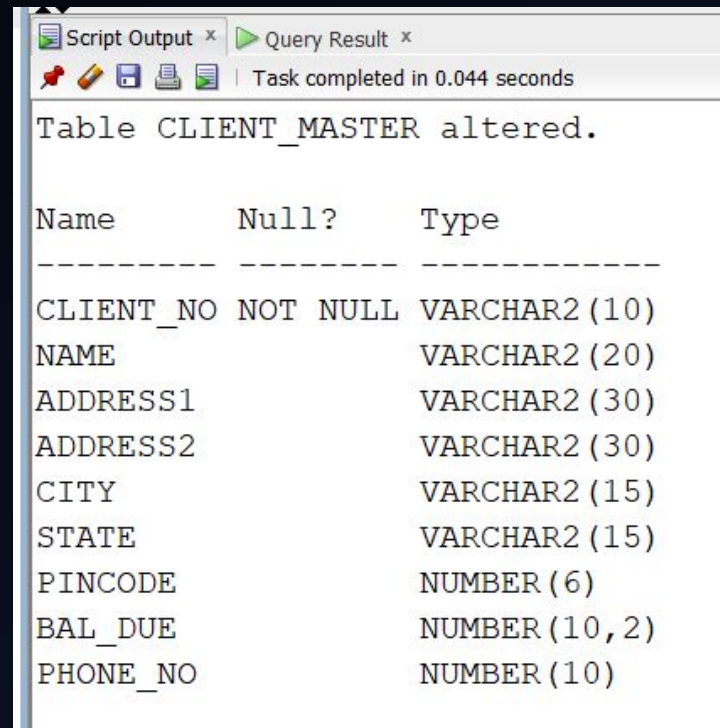
Script Output x Query Result x

Task completed in 0.087 seconds

Table PRODUCT_MASTER altered.

Name	Null?	Type
PRODUCT_NO	NOT NULL	VARCHAR2 (6)
DESCRIPTION	NOT NULL	VARCHAR2 (15)
PROFIT_PERCENT	NOT NULL	NUMBER (4, 2)
UNIT_MEASURE		VARCHAR2 (10)
QTY_ON_HAND		NUMBER (8)
REORDER_LVL		NUMBER (8)
SELL_PRICE	NOT NULL	NUMBER (8, 2)
COST_PRICE	NOT NULL	NUMBER (8, 2)

3.3..Change the size of client_no field to 10 in the client_master table.



The screenshot shows a database query result window with two tabs: 'Script Output' and 'Query Result'. The 'Query Result' tab is active, displaying the message 'Table CLIENT_MASTER altered.' and a table structure. The table has columns for Name, Null?, and Type. The rows show the following fields: CLIENT_NO (VARCHAR2(10), NOT NULL), NAME (VARCHAR2(20)), ADDRESS1 (VARCHAR2(30)), ADDRESS2 (VARCHAR2(30)), CITY (VARCHAR2(15)), STATE (VARCHAR2(15)), PINCODE (NUMBER(6)), BAL_DUE (NUMBER(10,2)), and PHONE_NO (NUMBER(10)).

Name	Null?	Type
CLIENT_NO	NOT NULL	VARCHAR2(10)
NAME		VARCHAR2(20)
ADDRESS1		VARCHAR2(30)
ADDRESS2		VARCHAR2(30)
CITY		VARCHAR2(15)
STATE		VARCHAR2(15)
PINCODE		NUMBER(6)
BAL_DUE		NUMBER(10,2)
PHONE_NO		NUMBER(10)