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Section: CS5A

DBMS Lab 2 : Create tables using DDL commands:

127.0.0.1:8081/apex/f?p=4500:1003:94362836236705::NO::

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Autocommit Rows 10 Save Run

```
create table client_master
(
  client_no number(6) primary key,
  name varchar2(20),
  address1 varchar2(30),
  address2 varchar2(30),
  city varchar2(15),
  state varchar2(15),
  pincode number(6),
  bal_due number(10))
```

Results Explain Describe Saved SQL History

Table created.

0.13 seconds

127.0.0.1:8081/apex/f?p=4500:1003:94362836236705::NO::

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Autocommit Rows 10 Save Run

```
desc client_master
```

Results Explain Describe Saved SQL History

Object Type TABLE Object CLIENT_MASTER

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
CLIENT_MASTER	CLIENT_NO	NUMBER	-	6	0	1	-	-	-
	NAME	VARCHAR2	20	-	-	-	✓	-	-
	ADDRESS1	VARCHAR2	30	-	-	-	✓	-	-
	ADDRESS2	VARCHAR2	30	-	-	-	✓	-	-
	CITY	VARCHAR2	15	-	-	-	✓	-	-
	STATE	VARCHAR2	15	-	-	-	✓	-	-
	PINCODE	NUMBER	-	6	0	-	✓	-	-
	BAL_DUE	NUMBER	-	10	0	-	✓	-	-

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Inserting Data into table

```
insert into client_master values( 0001, 'IVAN' , ' ' , ' ' , 'Bombay' , 'Maharashtra', 40054,15000)
```

☒ Autocommit Rows  

```
insert into client_master values( 0002, 'Vandan' , ' ' , ' ' , 'Madras' , 'Tamilnadu', 780001,0)
```

☒ Autocommit Rows  

```
insert into client_master values( 0003, 'Pramad' , ' ' , ' ' , 'Bombay' , 'Maharashtra', 400057,5000)
```

☒ Autocommit Rows  

```
insert into client_master values( 0005, 'Ravi' , ' ' , ' ' , 'Delhi' , ' ', 100001,2000)
```

☒ Autocommit Rows  



```
insert into client_master values( 0006, 'Rukmin' , ' ' , ' ' , 'Bombay' , 'Maharashtra', 400050,0)
```

Results [Explain](#) [Describe](#) [Saved SQL](#) [History](#)

CLIENT_NO	NAME	ADDRESS1	ADDRESS2	CITY	STATE	PINCODE	BAL_DUE
1	IVAN			Bombay	Maharashtra	40054	15000
5	Ravi			Delhi	-	100001	2000
6	Rukmin			Bombay	Maharashtra	400050	0
2	Vandan			Madras	Tamilnadu	780001	0
3	Pramad			Bombay	Maharashtra	400057	5000
4	Basu			Bombay	Maharashtra	400056	0

6 rows returned in 0.01 seconds [Download](#)

1 . Name of client

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```
select name from client_master
```

Results Explain Describe Saved SQL History

NAME
IVAN
Ravi
Rukmin
Vandan
Pramad
Basu

6 rows returned in 0.00 seconds [Download](#)

2. name and city

☒ Autocommit Rows   Save Run



```
select name,city from client_master
```

Results Explain Describe Saved SQL History

NAME	CITY
IVAN	Bombay
Ravi	Delhi
Rukmin	Bombay
Vandan	Madras
Pramad	Bombay
Basu	Bombay

6 rows returned in 0.01 seconds [Download](#)

4.

☒ Autocommit Rows 10   Save Run

```
alter table client_master
add email varchar(50);
```

Results Explain Describe Saved SQL History

Table altered.

0.04 seconds



5.

Results Explain Describe Saved SQL History

CLIENT_NO	NAME	ADDRESS1	ADDRESS2	CITY	STATE	PINCODE	BAL_DUE	EMAIL
1	IVAN			Bombay	Maharashtra	40054	15000	-
5	Ravi			Delhi	-	100001	2000	-
6	Rukmin			Bombay	Maharashtra	400050	0	-
2	Vandan			Madras	Tamilnadu	780001	0	-
3	Pramad			Bombay	Maharashtra	400057	5000	-
4	Basu			Bombay	Maharashtra	400056	0	-

6 rows returned in 0.01 seconds

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☒ Autocommit
 Rows


Save Run

```
alter table client_master
drop (address2);
```

Results Explain Describe Saved SQL History

CLIENT_NO	NAME	ADDRESS1	CITY	STATE	PINCODE	BAL_DUE	EMAIL
1	IVAN		Bombay	Maharashtra	40054	15000	-
5	Ravi		Delhi	-	100001	2000	-
6	Rukmin		Bombay	Maharashtra	400050	0	-
2	Vandan		Madras	Tamilnadu	780001	0	-
3	Pramad		Bombay	Maharashtra	400057	5000	-
4	Basu		Bombay	Maharashtra	400056	0	-

6 rows returned in 0.00 seconds [Download](#)

6.



```
alter table client_master
rename column bal_due to balance_due;
```

Results Explain Describe Saved SQL History

CLIENT_NO	NAME	ADDRESS1	CITY	STATE	PINCODE	BALANCE_DUE	EMAIL
1	IVAN		Bombay	Maharashtra	40054	15000	-
5	Ravi		Delhi	-	100001	2000	-
6	Rukmin		Bombay	Maharashtra	400050	0	-
2	Vandan		Madras	Tamilnadu	780001	0	-
3	Pramad		Bombay	Maharashtra	400057	5000	-
4	Basu		Bombay	Maharashtra	400056	0	-

6 rows returned in 0.01 seconds [Download](#)

7.

☒ Autocommit
 Rows


Save Run

```
alter table client_master
modify pincode varchar(6);
```



8.

The image shows a SQL IDE interface with two query windows. The top window contains the query: `rename table client_master to customer_master;`. The bottom window contains the query: `TRUNCATE TABLE client_master;`. Both windows have a toolbar with 'Autocommit' checked, 'Rows' set to 10, and 'Save' and 'Run' buttons. At the bottom, a tab bar shows 'Results', 'Explain', 'Describe', 'Saved SQL', and 'History', with 'Results' being the active tab.

Table truncated.

0.11 seconds

11.

☒ Autocommit Rows   Save Run

drop table client_master;

Results Explain Describe Saved SQL History

Table dropped.

0.07 seconds

☒ Autocommit Rows   Save Run

select * from client_master

Results Explain Describe Saved SQL History

 ORA-00942: table or view does not exist