

EXERCISE-2

MANIPULATING DATA

Find the Solution for the following:

1. Create MY_EMPLOYEE table with the following structure

NAME	NULL?	TYPE
ID	Not null	Number(4)
Last_name		Varchar(25)
First_name		Varchar(25)
Userid		Varchar(25)
Salary		Number(9,2)

```
1  create table MY_EMPLOYEE(ID Number(4) not null,
2  Last_name Varchar(25),First_name Varchar(25),
3  Userid Varchar(25),Salary Number(9,2));
4
5
```

Results	Explain	Describe	Saved SQL	History
Table created.				
0.02 seconds				

2. Add the first and second rows data to MY_EMPLOYEE table from the following sample data.

ID	Last_name	First_name	Userid	salary
1	Patel	Ralph	rpatel	895
2	Dancs	Betty	bdancs	860
3	Biri	Ben	bbiri	1100
4	Newman	Chad	Cnewman	750
5	Ropebur	Audrey	aropebur	1550

```
1 insert into MY_EMPLOYEES values(1,'Patel','Ralph','rpatel',895);
2
3
```

Results	Explain	Describe	Saved SQL	History
1 row(s) inserted.				
0.02 seconds				

```
1 insert into MY_EMPLOYEES values(2,'Dancs','Betty','bdancs',860);
2
3
```

Results	Explain	Describe	Saved SQL	History
1 row(s) inserted.				
0.00 seconds				

3. Display the table with values.

```
1 select * from MY_EMPLOYEES;
2
3
```

Results Explain Describe Saved SQL History				
ID	LAST_NAME	FIRST_NAME	USERID	SALARY
2	Dancs	Betty	bdancs	860
1	Patel	Ralph	rpatel	895

2 rows returned in 0.02 seconds [Download](#)

4. Populate the next two rows of data from the sample data. Concatenate the first letter of the first_name with the first seven characters of the last_name to produce Userid.

```
1  insert into MY_EMPLOYEES values(3,'Biri','Ben',NULL,1100)
```

Results	Explain	Describe	Saved SQL	History
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1 row(s) inserted.

0.01 seconds

```
1 insert into MY_EMPLOYEES values(4, 'Newman', 'Chad', NULL, 750);
```

Results Explain Describe Saved SQL History

1 row(s) inserted.

0.01 seconds

```
1 update MY_EMPLOYEES set Userid=concat(substr(First_name,1,7),substr(Last_name,1,7)) where Userid=NULL;
```

Results Explain Describe Saved SQL History

0 row(s) updated.

0.00 seconds

5. Make the data additions permanent.

```
1 commit;
```

Results	Explain	Describe	Saved SQL	History
Commit statement not applicable. All statements are automatically committed.				

6. Change the last name of employee 3 to Drexler.

```
1  update MY_EMPLOYEES set Last_name='Drexler' where ID=3;
```

Results	Explain	Describe	Saved SQL	History
1 row(s) updated.				
0.01 seconds				

7. Change the salary to 1000 for all the employees with a salary less than 900.

```
1  update MY_EMPLOYEES set Last_name='Drexler' where ID=3;
```

Results	Explain	Describe	Saved SQL	History
1 row(s) updated.				
0.01 seconds				

8.Delete Betty dances from MY_EMPLOYEE table.

```
1  delete MY_EMPLOYEES where First_name='Betty';
```

Results	Explain	Describe	Saved SQL	History
1 row(s) deleted.				
0.01 seconds				

9. Empty the fourth row of the emp table.

```
1  update MY_EMPLOYEES set ID=NULL,Last_name=NULL,First_name=NULL,Userid=NULL,Salary=NULL where ID=4;
```

Results	Explain	Describe	Saved SQL	History
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1 row(s) updated.

0.01 seconds