Exercise 2 MANIPULATING DATA

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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)

ORACLE Database Express Edition

User: SYSTEM

Home > SQL > SQL Commands

☑Autocommit Display 10

```
CREATE TABLE MY_EMPLOYEE (
    ID          NUMBER(4)        NOT NULL,
    Last_name   VARCHAR2(25),
    First_name  VARCHAR2(25),
    Userid      VARCHAR2(25),
    Salary      NUMBER(9,2)
);
```

Results   Explain   Describe   Saved SQL   History

Table created.

0.03 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

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```
INSERT INTO MY_EMPLOYEE (ID, Last_name, First_name, Userid, Salary)
VALUES (1, 'Patel', 'Ralph', 'rpatel', 895);
```

Results   Explain   Describe   Saved SQL   History

1 row(s) inserted.

0.00 seconds

☑ Autocommit   Display [10 ▾]

```
INSERT INTO MY_EMPLOYEE (ID, Last_name, First_name, Userid, Salary)
VALUES (2, 'Dancs', 'Betty', 'bdancs', 860);
```

Results   Explain   Describe   Saved SQL   History

1 row(s) inserted.

0.00 seconds

3. Display the table with values.

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```
SELECT * FROM MY_EMPLOYEE;
```

Results Explain Describe Saved SQL History

ID	LAST_NAME	FIRST_NAME	USERID	SALARY
1	Patel	Ralph	rpatel	895
2	Dancs	Betty	bdancs	860

2 rows returned in 0.00 seconds   CSV Export

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.

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```
INSERT INTO MY_EMPLOYEE (ID, Last_name, First_name, Userid, Salary)
VALUES (3, 'Biri', 'Ben', SUBSTR('Ben', 1, 1) || SUBSTR('Biri', 1, 7), 1100);
```

Results Explain Describe Saved SQL History

1 row(s) inserted.

0.00 seconds

☑ Autocommit   Display [10   ▼]

```
INSERT INTO MY_EMPLOYEE (ID, Last_name, First_name, Userid, Salary)
VALUES (4, 'Newman', 'Chad', SUBSTR('Chad', 1, 1) || SUBSTR('Newman', 1, 7), 750);
```

Results   Explain   Describe   Saved SQL   History

1 row(s) inserted.

0.00 seconds

5. Make the data additions permanent.

☑ Autocommit   Display [10   ▼]

```
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.

☑ Autocommit   Display 10   ▾

```
UPDATE MY_EMPLOYEE
SET Last_name = 'Drexler'
WHERE ID = 3;
```

Results   Explain   Describe   Saved SQL   History

1 row(s) updated.

0.00 seconds

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

☑ Autocommit   Display 10   ▾

```
UPDATE MY_EMPLOYEE
SET Salary = 1000
WHERE Salary < 900;
```

Results   Explain   Describe   Saved SQL   History

3 row(s) updated.

0.00 seconds

8. Delete Betty dancs from MY _EMPLOYEE table.

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Home > SQL > SQL Commands

☑ Autocommit   Display 10   ▾

```
DELETE FROM MY_EMPLOYEE
WHERE First_name = 'Betty' AND Last_name = 'Dancs';
```

Results   Explain   Describe   Saved SQL   History

1 row(s) deleted.

0.00 seconds

9. Empty the fourth row of the emp table.

User: SYSTEM

Home > SQL > SQL Commands

☑ Autocommit   Display 10   ▾

```
UPDATE MY_EMPLOYEE
SET Last_name = NULL,
    First_name = NULL,
    Userid = NULL,
    Salary = NULL
WHERE ID = 4;
```

Results   Explain   Describe   Saved SQL   History

1 row(s) updated.

0.00 seconds