

EXP-1

## Creation of Base Table and DML

### Operations

-- 1. Create MY\_EMPLOYEE table

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

-- 2. Insert first and second rows

```
INSERT INTO MY_EMPLOYEE VALUES (1, 'Patel', 'Ralph', 'rpatel', 895);  
INSERT INTO MY_EMPLOYEE VALUES (2, 'Dancs', 'Betty', 'bdancs', 860);
```

-- 3. Display the table

```
SELECT * FROM MY_EMPLOYEE;
```

-- 4. Insert next two rows using concatenation for userid

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

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

-- 5. Delete Betty Dancs

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

-- 6. Empty the fourth row (set all columns except ID to NULL)

UPDATE MY\_EMPLOYEE

SET Last\_name = NULL,

First\_name = NULL,

Userid = NULL,

Salary = NULL

WHERE ID = 4;

-- 7. Make data additions permanent

COMMIT;

-- 8. Change last name of employee 3 to Drexler

UPDATE MY\_EMPLOYEE

SET Last\_name = 'Drexler'

WHERE ID = 3;

-- 9. Change salary to 1000 for employees earning less than 900

UPDATE MY\_EMPLOYEE

SET Salary = 1000

WHERE Salary < 900;