

♦ Creating table “Employee” and Inserting values :

```
SQL> CONNECT SYSTEM AS SYSDBA
Enter password:
Connected.
SQL> CREATE USER abc IDENTIFIED BY sys;

User created.

SQL> GRANT dba TO abc;

Grant succeeded.

SQL> CONNECT abc/sys;
Connected.
SQL>
SQL> CREATE TABLE Employee(
  2  id INT,
  3  name VARCHAR2(20),
  4  salary INT
  5  );

Table created.
```

```
SQL> INSERT INTO Employee (id, name, salary) VALUES (1, 'Rohan', 900);

1 row created.

SQL> INSERT INTO Employee (id, name, salary) VALUES (2, 'Mohan', 400);

1 row created.

SQL> INSERT INTO Employee (id, name, salary) VALUES (3, 'Sohan', 600);

1 row created.

SQL> INSERT INTO Employee (id, name, salary) VALUES (4, 'Virat', 500);

1 row created.

SQL> INSERT INTO Employee (id, name, salary) VALUES (5, 'Dhoni', 700);

1 row created.
```

```
SQL> SELECT * FROM Employee;
```

| ID | NAME | SALARY |
|----|-------|--------|
| 1 | Rohan | 900 |
| 2 | Mohan | 400 |
| 3 | Sohan | 600 |
| 4 | Virat | 500 |
| 5 | Dhoni | 700 |

- ♦ Creating table “Affect”:

```
SQL> CREATE TABLE affect(  
  2  id INT,  
  3  name VARCHAR2(20),  
  4  salary INT  
  5  );
```

Table created.

- ♦ After Delete Trigger:

```
SQL> CREATE OR REPLACE TRIGGER after_delete  
  2  AFTER DELETE ON Employee  
  3  FOR EACH ROW  
  4  BEGIN  
  5  INSERT INTO affect(id, name, salary)  
  6  VALUES(:OLD.id, :OLD.name, :OLD.salary);  
  7  END;  
  8  /
```

Trigger created.

```
SQL> DELETE FROM Employee WHERE id = 4;  
  
1 row deleted.
```

- ♦ After Update Trigger:

```
SQL> CREATE OR REPLACE TRIGGER after_update  
  2  AFTER UPDATE ON Employee  
  3  FOR EACH ROW  
  4  BEGIN  
  5  INSERT INTO affect (id, name, salary)  
  6  VALUES (:NEW.id, :NEW.name, :NEW.salary);  
  7  END;  
  8  /
```

Trigger created.

```
SQL> UPDATE Employee SET salary = 1050 WHERE id = 5;
```

```
1 row updated.
```

♦ Final Output:

```
SQL> SELECT * FROM affect;
```

| ID | NAME | SALARY |
|----|-------|--------|
| 4 | Virat | 500 |
| 5 | Dhoni | 1050 |

```
SQL> SELECT * FROM Employee;
```

| ID | NAME | SALARY |
|----|-------|--------|
| 1 | Rohan | 900 |
| 2 | Mohan | 400 |
| 3 | Sohan | 600 |
| 5 | Dhoni | 1050 |