

Second Assignment of Oracle

Name: Faiz Mohammad

F/Name: Mohammad

```
CREATE OR REPLACE TRIGGER onDeleteTiregerLog
AFTER DELETE ON myUser
FOR EACH ROW
BEGIN
    INSERT INTO myUserLog(email,logDate) VALUES (:OLD.email,SYSDATE);
END;

DELETE FROM myUser WHERE NAME = 'Aziz';
DELETE FROM myUser WHERE NAME = 'Faiz';
DELETE FROM myUser WHERE NAME = 'Mansoor';

select * from myUserLog;
```

Script Output x

Query Result x



SQL | All Rows Fetched: 3 in 0.005 seconds

	NAME	EMAIL	PHONE	LOGDATE
1	(null)	faiz@gmail.com	(null)	28-FEB-23
2	(null)	mansoor@gmail.com	(null)	28-FEB-23
3	(null)	aziz@gmail.com	(null)	28-FEB-23

```
CREATE TABLE myUser
(
    name VARCHAR(33) NOT NULL,
    email VARCHAR(33) NOT NULL,
    phone VARCHAR(33) NOT NULL
);

CREATE TABLE myUserLog
(
    name VARCHAR(33) NOT NULL,
    email VARCHAR(33) NOT NULL,
    phone VARCHAR(33) NOT NULL
);

CREATE OR REPLACE TRIGGER insertTrigerOntableUserLog
AFTER INSERT ON myUser
FOR EACH ROW
BEGIN
    INSERT INTO myUserLog VALUES (:NEW.name, :NEW.email, :NEW.phone);
END;

INSERT INTO myUser VALUES ('Aziz', 'aziz@gmail.com', '09764387563');

select * from myUser;
select * from myuserlog;
```

```
select * from myUser;  
select * from myuserlog;
```

Script Output x

Query Result x



SQL | All Rows Fetched: 4 in 0.003 seconds

	NAME	EMAIL	PHONE
1	Aziz	aziz@gmail.com	09764387563
2	Faiz	faiz@gmail.com	07764387563
3	Mostafa	mostata@gmail.com	07064387563
4	Rashid	rashid@gmail.com	09764387563

```
select * from myUser;  
select * from myuserlog;
```

Script Output x

Query Result x



SQL

| All Rows Fetched: 4 in 0.003 seconds

	NAME	EMAIL	PHONE
1	Aziz	aziz@gmail.com	09764387563
2	Faiz	faiz@gmail.com	07764387563
3	Mostafa	mostata@gmail.com	07064387563
4	Rashid	rashid@gmail.com	09764387563

```

CREATE OR REPLACE TRIGGER onUpdateTiregerLog
AFTER UPDATE ON myUser
FOR EACH ROW
BEGIN
    INSERT INTO myUserLog(name,email,phone,logDate) VALUES (:OLD.name,:OLD.email,:OLD.phone,SYSDATE);
    INSERT INTO myUserLog(name,email,phone,logDate) VALUES (:NEW.name,:NEW.email,:NEW.phone,SYSDATE);
END;

select * from myUser;

UPDATE myUser set name = 'Khan',email = 'khan@gmail.com',phone = '097375775' WHERE name = 'Fawad';

select * from myUserLog;

```

Script Output x

Query Result x

SQL | All Rows Fetched: 5 in 0.003 seconds

	NAME	EMAIL	PHONE	LOGDATE
1	(null)	faiz@gmail.com	(null)	28-FEB-23
2	(null)	mansoor@gmail.com	(null)	28-FEB-23
3	Fawad	fawad@gmail.com	0785745375	28-FEB-23
4	Khan	khan@gmail.com	097375775	28-FEB-23
5	(null)	aziz@gmail.com	(null)	28-FEB-23