Sumedh ahire
FYMCA-B 03
Assignment 11
batch 1

Code:

```
CREATE trigger e_audit1
BEFORE INSERT OR DELETE OR UPDATE ON employee
FOR EACH ROW
ENABLE
DECLARE
  v_user varchar2 (30);
  v_date  varchar2(30);
BEGIN
  SELECT user, TO_CHAR(sysdate, 'DD/MON/YYYY HH24:MI:SS') INTO v_user, v_date
FROM dual;
  IF INSERTING THEN
    INSERT INTO emp_audit (new_name,old_name, user_name, entry_date, operation)
    VALUES(:NEW.NAME, Null , v_user, v_date, 'Insert');
  ELSIF DELETING THEN
    INSERT INTO emp_audit (new_name,old_name, user_name, entry_date, operation)
    VALUES(NULL,:OLD.NAME, v_user, v_date, 'Delete');
  ELSIF UPDATING THEN
    INSERT INTO emp_audit (new_name,old_name, user_name, entry_date, operation)
    VALUES(:NEW.NAME, :OLD.NAME, v_user, v_date,'Update');
  END IF;
END;

/
```

Ouput:

```
Trigger created.

SQL> insert into employee values(7,'Rhritik',22,'Delhi',34500);

1 row created.

SQL> select * from emp_audit;

NEW_NAME                        OLD_NAME
------------------------------- -------------------------------
USER_NAME                       ENTRY_DATE
------------------------------- -------------------------------
OPERATION
-------------------------------
Rhritik
SYSTEM                          01/MAY/2024 14:06:40
Insert
```