

Exp no: 15 OTHER DATABASE OBJECTS

Date:

****1. Create the sequence `DEPT_ID_SEQ`:****

``sql

CREATE SEQUENCE DEPT_ID_SEQ

START WITH 200

INCREMENT BY 10

MAXVALUE 1000

NOCACHE

NOCYCLE;

2. Query to display sequence details:**

``sql

SELECT

SEQUENCE_NAME,

MAX_VALUE,

INCREMENT_BY,

LAST_NUMBER

FROM

USER_SEQUENCES

WHERE

SEQUENCE_NAME = 'DEPT_ID_SEQ';

****3. Insert rows into the `DEPT` table using the sequence (`lab12_3.sql`):****

``sql

INSERT INTO DEPT (ID, NAME)

VALUES (DEPT_ID_SEQ.NEXTVAL, 'Education');

INSERT INTO DEPT (ID, NAME)

VALUES (DEPT_ID_SEQ.NEXTVAL, 'Administration');

-- Confirm the additions:

SELECT * FROM DEPT WHERE NAME IN ('Education', 'Administration');

Run the script using:

```
``bash
@lab12_3.sql
``
```

4. Create a non-unique index on `DEPT_ID` in the `EMP` table:

```
``sql
CREATE INDEX IDX_EMP_DEPT_ID ON EMP (DEPT_ID);
``
```

5. Display indexes and uniqueness for the `EMP` table:

```
``sql
SELECT
    INDEX_NAME,
    TABLE_NAME,
    UNIQUENESS
FROM
    USER_INDEXES
WHERE
    TABLE_NAME = 'EMP';
``
```

Result: hence the experiment was done successfully.