

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');

...

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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.