|  |  |  |
| --- | --- | --- |
| Name: |  | Roll no: 2319010 |
| 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.