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.