

Exp no: 15 OTHER DATABASE OBJECTS

****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.