

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.