

**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;
```
```

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**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';
```
```

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**\*\*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
```
```

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**### \*\*4. Create a non-unique index on `DEPT\_ID` in the `EMP` table.\*\***

```
```sql
CREATE INDEX IDX_EMP_DEPT_ID ON EMP (DEPT_ID);
```
```

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**### \*\*5. Display indexes and uniqueness for the `EMP` table.\*\***

```
```sql
SELECT
    INDEX_NAME,
    TABLE_NAME,
    UNIQUENESS
FROM
    USER_INDEXES
WHERE
    TABLE_NAME = 'EMP';
```
```

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