

## Exp15

## OTHER DATABASE OBJECTS

---

```
-- PROGRAM 1
-- Create a sequence for DEPT table primary key
```

---

```
CREATE SEQUENCE DEPT_ID_SEQ
START WITH 200
INCREMENT BY 10
MAXVALUE 1000
NOCACHE
NOCYCLE;
```

---

```
-- PROGRAM 2
-- Display details about all sequences
```

---

```
SELECT
    SEQUENCE_NAME,
    MAX_VALUE,
    INCREMENT_BY,
    LAST_NUMBER
FROM USER_SEQUENCES;
```

---

```
-- PROGRAM 3
-- Insert rows into DEPT table using the sequence
-- (Save this code in file: lab12_3.sql)
```

---

```
INSERT INTO DEPT (DEPT_ID, DEPT_NAME)
VALUES (DEPT_ID_SEQ.NEXTVAL, 'Education');
```

```
INSERT INTO DEPT (DEPT_ID, DEPT_NAME)
VALUES (DEPT_ID_SEQ.NEXTVAL, 'Administration');
```

-- Confirm insertion

SELECT \* FROM DEPT;

---

-- PROGRAM 4

-- Create a non-unique index on the foreign key column (DEPT\_ID) in EMP table

---

CREATE INDEX EMP\_DEPTID\_IDX  
ON EMP(DEPT\_ID);

---

-- PROGRAM 5

-- Display all indexes and uniqueness for the EMP table

---

SELECT  
    INDEX\_NAME,  
    TABLE\_NAME,  
    UNIQUENESS  
FROM USER\_INDEXES  
WHERE TABLE\_NAME = 'EMP';