

Exp15

OTHER DATABASE OBJECTS

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-- 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';