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EX NO:15

OTHER DATABASE OBJECTS

1. Create a sequence for the DEPT table:

CREATE SEQUENCE DEPT\_ID\_SEQ START WITH 200

INCREMENT BY 10

MAXVALUE 1000;

1. Write a query to display sequence details:

SELECT SEQUENCE\_NAME, MAX\_VALUE, INCREMENT\_BY, LAST\_NUMBER FROM USER\_SEQUENCES

WHERE SEQUENCE\_NAME = 'DEPT\_ID\_SEQ';

1. Script to insert two rows into the DEPT table (lab12\_3.sql):

Save the following code as 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');

-- Run the script using the command: @lab12\_3.sql

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

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

1. Display the indexes and uniqueness in the EMP table:

SELECT INDEX\_NAME, TABLE\_NAME, UNIQUENESS FROM USER\_INDEXES

WHERE TABLE\_NAME = 'EMP';