Lab12

1 Create a sequence to be used with the primary key column of the DEPT table. The

sequence should start at 200 and have a maximum value of 1000. Have your sequence increment

by ten numbers. Name the sequence DEPT\_ID\_SEQ.

R= CREATE SEQUENCE dept\_dept\_id\_seq

INCREMENT BY 10

START WITH 200

MAXVALUE 1000

NOCACHE

NOCYCLE;

2 Write a query in a script to display the following information about your sequences: sequence

name, maximum value, increment size, and last number. Name the script lab12\_2.sql. Run the

statement in your script.

R= SELECT sequence\_name, min\_value, max\_value,

increment\_by, last\_number

FROM user\_sequences;

3 Write a script to insert two rows into the DEPT table. Name your script lab12\_3.sql. Be sure

to use the sequence that you created for the ID column. Add two departments named Education and

Administration. Confirm your additions. Run the commands in your script.

R= INSERT INTO dept VALUES (dept\_id\_seq.nextval, 'Education'); INSERT INTO dept VALUES (dept\_id\_seq.nextval, 'Administration');

4 Create a nonunique index on the foreign key column (DEPT\_ID) in the EMP table.

R= CREATE INDEX dept\_name\_idx ON emp (name);

5 Display the indexes and uniqueness that exist in the data dictionary for the EMP table.

Save the statement into a script named lab12\_5.sql.

R= CREATE SYNONYM emp FOR dept\_sum\_vu;