

IT478 Lab #9

Complete 1-3 below and then submit both SQL and results to ReggieNet

1. a. Use SQL to create the tables **ch10_suppliers** and **ch10_subjects**. Once created, the two tables should have the same column names, null? and type listed below. In addition, **SUBJECT_ID**, **SUBJECT_NAME** and **SUPPLIER_ID** should all be created with the **UNIQUE** constraint.

SQL> DESC ch10_subjects;

Name	Null?	Type
SUBJECT_ID	NOT NULL	NUMBER
SUBJECT_NAME	NOT NULL	VARCHAR2(30)
DESCRIPTION		VARCHAR2(4000)

SQL> DESC ch10_suppliers;

Name	Null?	Type
SUPPLIER_ID	NOT NULL	NUMBER(10)
SUPPLIER_NAME	NOT NULL	VARCHAR2(50)
ADDRESS		VARCHAR2(50)
CITY		VARCHAR2(50)
STATE		VARCHAR2(25)
ZIP_CODE		VARCHAR2(10)

b. Run DESC (describe) to show that the tables were created correctly.

2. The DICTIONARY table has two columns -- TABLE_NAME and COMMENTS.

- Find the TABLE_NAME and COMMENTS of all tables listed in the DICTIONARY table that contain **USER_TAB** in the table name. (use LIKE) (SHOULD GET 20 ROWS)
- Find the TABLE_NAME and COMMENTS of all tables listed in the DICTIONARY table that contain **CONSTRAINT** in the table name. (use LIKE) (SHOULD GET 4 ROWS)
- Find the TABLE_NAME and COMMENTS of all tables listed in the DICTIONARY table that contain **USER_IND** in the table name. (use LIKE) (SHOULD GET 11 ROWS)

3. We are going to explore the contents of 3 of the tables you found in 2 (a, b & c).

- Find TABLE_NAME, OWNER, CONSTRAINT_NAME, CONSTRAINT_TYPE, LAST_CHANGE and SEARCH_CONDITION of the tables you created today FROM the table ALL_CONSTRAINTS.

HINT: use

WHERE table_name LIKE 'CH10_%'

b. Find TABLE_NAME, COLUMN_NAME, DATA_TYPE of the tables you created today FROM the table USER_TAB_COLS. See hint above.

Find INDEX_NAME, TABLE_NAME, COLUMN_NAME and DESCEND of the tables you created today FROM the table USER_IND_COLUMNS. See hint above.

Submit SQL and Results via ReggieNet