Cesar Santiago

ID: 970403634

COP4710 Database Systems

Pf. J. Teichert

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*EX1\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

SQL> DESC rearp.Course

Name Null? Type

----------------------------------------- -------- ----------------------------

COURSE\_NAME VARCHAR2(20)

COURSE\_NUMBER NOT NULL VARCHAR2(8)

CREDIT\_HOURS NUMBER(38)

OFFERING\_DEPT VARCHAR2(4)

SQL> SELECT \* FROM rearp.Course;

COURSE\_NAME

------------------------------------------------------------

COURSE\_NUMBER CREDIT\_HOURS OFFERING\_DEP

------------------------ ------------ ------------

ACCOUNTING I

ACCT2020 3 ACCT

ACCOUNTING II

ACCT2220 3 ACCT

MANAGERIAL FINANCE

ACCT3333 3 ACCT

COURSE\_NAME

------------------------------------------------------------

COURSE\_NUMBER CREDIT\_HOURS OFFERING\_DEP

------------------------ ------------ ------------

ACCOUNTING INFO SYST

ACCT3464 3 ACCT

INTRO TO COMPUTER SC

COSC1310 4 COSC

TURBO PASCAL

COSC2025 3 COSC

COURSE\_NAME

------------------------------------------------------------

COURSE\_NUMBER CREDIT\_HOURS OFFERING\_DEP

------------------------ ------------ ------------

ADVANCED COBOL

COSC2303 3 COSC

DATA STRUCTURES

COSC3320 4 COSC

DATABASE

COSC3380 3 COSC

COURSE\_NAME

------------------------------------------------------------

COURSE\_NUMBER CREDIT\_HOURS OFFERING\_DEP

------------------------ ------------ ------------

OPERATIONS RESEARCH

COSC3701 3 COSC

ADVANCED ASSEMBLER

COSC4301 3 COSC

SYSTEM PROJECT

COSC4309 3 COSC

COURSE\_NAME

------------------------------------------------------------

COURSE\_NUMBER CREDIT\_HOURS OFFERING\_DEP

------------------------ ------------ ------------

ADA - INTRODUCTION

COSC5234 4 COSC

NETWORKS

COSC5920 3 COSC

ENGLISH COMP I

ENGL1010 3 ENGL

COURSE\_NAME

------------------------------------------------------------

COURSE\_NUMBER CREDIT\_HOURS OFFERING\_DEP

------------------------ ------------ ------------

ENGLISH COMP II

ENGL1011 3 ENGL

WRITING FOR NON MAJO

ENGL3520 2 ENGL

ALGEBRA

MATH2333 3 MATH

COURSE\_NAME

------------------------------------------------------------

COURSE\_NUMBER CREDIT\_HOURS OFFERING\_DEP

------------------------ ------------ ------------

DISCRETE MATHEMATICS

MATH2410 3 MATH

CALCULUS 1

MATH1501 4 MATH

AMERICAN CONSTITUTIO

POLY1201 1 POLY

COURSE\_NAME

------------------------------------------------------------

COURSE\_NUMBER CREDIT\_HOURS OFFERING\_DEP

------------------------ ------------ ------------

INTRO TO POLITICAL S

POLY2001 3 POLY

AMERICAN GOVERNMENT

POLY2103 2 POLY

SOCIALISM AND COMMUN

POLY4103 4 POLY

COURSE\_NAME

------------------------------------------------------------

COURSE\_NUMBER CREDIT\_HOURS OFFERING\_DEP

------------------------ ------------ ------------

POLITICS OF CUBA

POLY5501 4 POLY

TECHNICAL WRITING

ENGL3402 2 ENGL

FUND. TECH. WRITING

ENGL3401 3 ENGL

COURSE\_NAME

------------------------------------------------------------

COURSE\_NUMBER CREDIT\_HOURS OFFERING\_DEP

------------------------ ------------ ------------

INTRO TO CHEMISTRY

CHEM2001 3 CHEM

ORGANIC CHEMISTRY

CHEM3001 3 CHEM

CALCULUS 2

MATH1502 3 MATH

COURSE\_NAME

------------------------------------------------------------

COURSE\_NUMBER CREDIT\_HOURS OFFERING\_DEP

------------------------ ------------ ------------

CALCULUS 3

MATH1503 3 MATH

MATH ANALYSIS

MATH5501 3 MATH

32 rows selected.

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*EX2\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

SQL> CREATE SYNONYM Student FOR rearp.Student

Synonym created.

SQL> SELECT \* FROM Student;

STNO SNAME

---------- ------------------------------------------------------------

MAJOR CLASS BDATE

------------ ---------- ---------------

2 Lineas

ENGL 1 15-APR-01

3 Mary

COSC 4 16-JUL-98

8 Brenda

COSC 2 13-AUG-97

STNO SNAME

---------- ------------------------------------------------------------

MAJOR CLASS BDATE

------------ ---------- ---------------

10 Richard

ENGL 1 13-MAY-01

13 Kelly

MATH 4 12-AUG-01

14 Lujack

COSC 1 12-FEB-97

STNO SNAME

---------- ------------------------------------------------------------

MAJOR CLASS BDATE

------------ ---------- ---------------

15 Reva

MATH 2 10-JUN-01

17 Elainie

COSC 1 12-AUG-96

19 Harley

POLY 2 16-APR-02

STNO SNAME

---------- ------------------------------------------------------------

MAJOR CLASS BDATE

------------ ---------- ---------------

20 Donald

ACCT 4 15-OCT-97

24 Chris

ACCT 4 12-FEB-98

34 Lynette

POLY 1 16-JUL-02

STNO SNAME

---------- ------------------------------------------------------------

MAJOR CLASS BDATE

------------ ---------- ---------------

49 Susan

ENGL 3 11-MAR-01

62 Monica

MATH 3 14-OCT-01

70 Bill

POLY 14-OCT-01

STNO SNAME

---------- ------------------------------------------------------------

MAJOR CLASS BDATE

------------ ---------- ---------------

121 Hillary1

COSC 1 16-JUL-97

122 Phoebe

ENGL 3 15-APR-01

123 Holly

POLY 4 15-JAN-02

STNO SNAME

---------- ------------------------------------------------------------

MAJOR CLASS BDATE

------------ ---------- ---------------

125 Sadie

MATH 2 12-AUG-01

126 Jessica

POLY 2 16-JUL-02

127 Steve

ENGL 1 11-MAR-01

STNO SNAME

---------- ------------------------------------------------------------

MAJOR CLASS BDATE

------------ ---------- ---------------

128 Brad

COSC 1 10-SEP-97

129 Cedric

ENGL 2 15-APR-01

130 Alan

COSC 2 16-JUL-97

STNO SNAME

---------- ------------------------------------------------------------

MAJOR CLASS BDATE

------------ ---------- ---------------

131 Rachel

ENGL 3 15-APR-01

132 George

POLY 1 16-APR-02

142 Jerry

COSC 4 12-MAR-98

STNO SNAME

---------- ------------------------------------------------------------

MAJOR CLASS BDATE

------------ ---------- ---------------

143 Cramer

ENGL 3 15-APR-01

144 Fraiser

POLY 1 16-JUL-02

145 Harrison

ACCT 4 12-FEB-97

STNO SNAME

---------- ------------------------------------------------------------

MAJOR CLASS BDATE

------------ ---------- ---------------

146 Francis

ACCT 4 11-JUN-97

147 Smithly

ENGL 2 13-MAY-01

148 Sebastian

ACCT 2 14-OCT-96

STNO SNAME

---------- ------------------------------------------------------------

MAJOR CLASS BDATE

------------ ---------- ---------------

31 Jake

COSC 4 12-FEB-98

151 Losmith

CHEM 3 15-JAN-02

153 Genevieve

UNKN 15-OCT-96

STNO SNAME

---------- ------------------------------------------------------------

MAJOR CLASS BDATE

------------ ---------- ---------------

155 Lindsay

UNKN 1 15-OCT-98

157 Stephanie

MATH 16-APR-02

158 Thornton

15-OCT-89

STNO SNAME

---------- ------------------------------------------------------------

MAJOR CLASS BDATE

------------ ---------- ---------------

163 Lionel

15-OCT-89

161 Benny

CHEM 4 10-JUN-01

160 Gus

ART 3 15-OCT-98

STNO SNAME

---------- ------------------------------------------------------------

MAJOR CLASS BDATE

------------ ---------- ---------------

5 Zelda

COSC 12-FEB-98

7 Mario

MATH 12-AUG-01

9 Romona

ENGL 15-APR-01

STNO SNAME

---------- ------------------------------------------------------------

MAJOR CLASS BDATE

------------ ---------- ---------------

6 Ken

POLY 15-JUL-01

88 Smith

15-OCT-93

191 Jake

MATH 2 10-JUN-01

48 rows selected.

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*EX3\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

SQL> CREATE SYNONYM Course FOR rearp.Course;

Synonym created.

SQL> EDIT

Wrote file afiedt.buf

1\* CREATE SYNONYM Section FOR rearp.Section

SQL> /

Synonym created.

SQL> EDIT

Wrote file afiedt.buf

1\* CREATE SYNONYM Prereq FOR rearp.Prereq

SQL> /

Synonym created.

SQL> EDIT

Wrote file afiedt.buf

1\* CREATE SYNONYM Grade FOR rearp.Grade\_report

SQL> /

Synonym created.

SQL> EDIT

Wrote file afiedt.buf

1\* CREATE SYNONYM Department FOR rearp.Department\_to\_major

SQL> /

Synonym created.

SQL> EDIT

Wrote file afiedt.buf

1\* CREATE SYNONYM Room FOR rearp.Room

SQL> /

Synonym created.

SQL> DESC Student

Name Null? Type

----------------------------------------- -------- ----------------------------

STNO NOT NULL NUMBER(38)

SNAME VARCHAR2(20)

MAJOR VARCHAR2(4)

CLASS NUMBER(38)

BDATE DATE

SQL> DESC Course

Name Null? Type

----------------------------------------- -------- ----------------------------

COURSE\_NAME VARCHAR2(20)

COURSE\_NUMBER NOT NULL VARCHAR2(8)

CREDIT\_HOURS NUMBER(38)

OFFERING\_DEPT VARCHAR2(4)

SQL> DESC SECTION

Name Null? Type

----------------------------------------- -------- ----------------------------

SECTION\_ID NOT NULL NUMBER(38)

COURSE\_NUM VARCHAR2(8)

SEMESTER VARCHAR2(6)

YEAR CHAR(2)

INSTRUCTOR VARCHAR2(10)

BLDG NUMBER(38)

ROOM NUMBER(38)

SQL> DESC Prereq

Name Null? Type

----------------------------------------- -------- ----------------------------

COURSE\_NUMBER NOT NULL VARCHAR2(8)

PREREQ NOT NULL VARCHAR2(8)

SQL> DESC Grade

Name Null? Type

----------------------------------------- -------- ----------------------------

STUDENT\_NUMBER NOT NULL NUMBER(38)

SECTION\_ID NOT NULL NUMBER(38)

GRADE CHAR(1)

SQL> DESC Department

Name Null? Type

----------------------------------------- -------- ----------------------------

DCODE NOT NULL VARCHAR2(4)

DNAME VARCHAR2(20)

SQL> DESC Room

Name Null? Type

----------------------------------------- -------- ----------------------------

BLDG NOT NULL NUMBER(38)

ROOM NOT NULL NUMBER(38)

CAPACITY NUMBER(38)

OHEAD VARCHAR2(1)

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*EX4\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

SQL> SELECT \*

2 FROM Prereq;

COURSE\_NUMBER PREREQ

------------------------ ------------------------

ACCT3333 ACCT2220

CHEM3001 CHEM2001

COSC3320 COSC1310

COSC3380 COSC3320

COSC3380 MATH2410

COSC5234 COSC3320

ENGL1011 ENGL1010

ENGL3401 ENGL1011

ENGL3520 ENGL1011

MATH5501 MATH2333

POLY2103 POLY1201

COURSE\_NUMBER PREREQ

------------------------ ------------------------

POLY5501 POLY4103

12 rows selected.

SQL> c /Prereq/Course

2\* FROM Course

SQL> i

3 WHERE offering\_dept = 'COSC';

COURSE\_NAME

------------------------------------------------------------

COURSE\_NUMBER CREDIT\_HOURS OFFERING\_DEP

------------------------ ------------ ------------

INTRO TO COMPUTER SC

COSC1310 4 COSC

TURBO PASCAL

COSC2025 3 COSC

ADVANCED COBOL

COSC2303 3 COSC

COURSE\_NAME

------------------------------------------------------------

COURSE\_NUMBER CREDIT\_HOURS OFFERING\_DEP

------------------------ ------------ ------------

DATA STRUCTURES

COSC3320 4 COSC

DATABASE

COSC3380 3 COSC

OPERATIONS RESEARCH

COSC3701 3 COSC

COURSE\_NAME

------------------------------------------------------------

COURSE\_NUMBER CREDIT\_HOURS OFFERING\_DEP

------------------------ ------------ ------------

ADVANCED ASSEMBLER

COSC4301 3 COSC

SYSTEM PROJECT

COSC4309 3 COSC

ADA - INTRODUCTION

COSC5234 4 COSC

COURSE\_NAME

------------------------------------------------------------

COURSE\_NUMBER CREDIT\_HOURS OFFERING\_DEP

------------------------ ------------ ------------

NETWORKS

COSC5920 3 COSC

10 rows selected.

SQL> 1

1\* SELECT \*

SQL> c /\*/course\_name

1\* SELECT course\_name

SQL> 3

3\* WHERE offering\_dept = 'COSC'

SQL> del 3

SQL> l

1 SELECT course\_name

2\* FROM Course

SQL> i

3 WHERE offering\_dept = 'MATH';

COURSE\_NAME

------------------------------------------------------------

ALGEBRA

DISCRETE MATHEMATICS

CALCULUS 1

CALCULUS 2

CALCULUS 3

MATH ANALYSIS

6 rows selected.

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*EX5\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

SQL> SELECT sysdate, user

2 FROM dual;

SYSDATE

---------------

USER

--------------------------------------------------------------------------------

27-JAN-19

CAS156

SQL> SELECT TO\_CHAR (sysdate, 'dd-Mon-yyyy hh24:mm:ss')

2 FROM dual;

TO\_CHAR(SYSDATE,'DD-MON-YYYYHH24:MM:SS')

------------------------------------------------------------

27-Jan-2019 12:01:29

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*EX6\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

SQL> SHOW ALL

appinfo is OFF and set to "SQL\*Plus"

arraysize 15

autocommit OFF

autoprint OFF

autorecovery OFF

autotrace OFF

blockterminator "." (hex 2e)

btitle OFF and is the first few characters of the next SELECT statement

cmdsep OFF

colsep " "

compatibility version NATIVE

concat "." (hex 2e)

copycommit 0

COPYTYPECHECK is ON

define "&" (hex 26)

describe DEPTH 1 LINENUM OFF INDENT ON

echo OFF

editfile "afiedt.buf"

embedded OFF

escape OFF

escchar OFF

exitcommit ON

FEEDBACK ON for 6 or more rows

flagger OFF

flush ON

heading ON

headsep "|" (hex 7c)

instance "local"

linesize 80

lno 5

loboffset 1

logsource ""

long 80

longchunksize 80

markup HTML OFF HEAD "<style type='text/css'> body {font:10pt Arial,Helvetica,sans-serif; color:black; background:White;} p {font:10pt Arial,Helvetica,sans-serif; color:black; background:White;} table,tr,td {font:10pt Arial,Helvetica,sans-serif; color:Black; background:#f7f7e7; padding:0px 0px 0px 0px; margin:0px 0px 0px 0px;} th {font:bold 10pt Arial,Helvetica,sans-serif; color:#336699; background:#cccc99; padding:0px 0px 0px 0px;} h1 {font:16pt Arial,Helvetica,Geneva,sans-serif; color:#336699; background-color:White; border-bottom:1px solid #cccc99; margin-top:0pt; margin-bottom:0pt; padding:0px 0px 0px 0px;-

} h2 {font:bold 10pt Arial,Helvetica,Geneva,sans-serif; color:#336699; background-color:White; margin-top:4pt; margin-bottom:0pt;} a {font:9pt Arial,Helvetica,sans-serif; color:#663300; background:#ffffff; margin-top:0pt; margin-bottom:0pt; vertical-align:top;}</style><title>SQL\*Plus Report</title>" BODY "" TABLE "border='1' width='90%' align='center' summary='Script output'" SPOOL OFF ENTMAP ON PREFORMAT OFF

newpage 1

null ""

numformat ""

numwidth 10

pagesize 14

PAUSE is OFF

pno 1

recsep WRAP

recsepchar " " (hex 20)

release 1102000100

repfooter OFF and is NULL

repheader OFF and is NULL

securedcol is OFF

serveroutput OFF

shiftinout INVISIBLE

showmode OFF

spool ON

sqlblanklines OFF

sqlcase MIXED

sqlcode 0

sqlcontinue "> "

sqlnumber ON

sqlpluscompatibility 11.2.0

sqlprefix "#" (hex 23)

sqlprompt "SQL> "

sqlterminator ";" (hex 3b)

suffix "sql"

tab ON

termout ON

timing OFF

trimout ON

trimspool OFF

ttitle OFF and is the first few characters of the next SELECT statement

underline "-" (hex 2d)

USER is "CAS156"

verify ON

wrap : lines will be wrapped

xmloptimizationcheck OFF

errorlogging is OFF

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*EX7\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

SQL> HELP SAVE

SAVE

----

Saves the contents of the SQL buffer in a script. The

buffer has no command history list and does not record SQL\*Plus commands.

SAV[E] [FILE] file\_name[.ext] [CRE[ATE] | REP[LACE] | APP[END]]

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*EX8\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

SQL> HELP PASSWORD

PASSWORD

--------

Allows you to change a password without displaying it on an input device.

PASSW[ORD] [username]