COP 3710:
Database Management Systems

SQL*PLUS
(Line Editing & Spooling)

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SQL*PLUS: Line Editing

COMMAND:	DESCRIPTION OF COMMAND:	EXAMPLE OF COMMAND:
LIST or L	Lists contents of buffer	SQL> L
LIST n or L n	Lists the contents of line number n in the buffer & makes line current	SQL> L4
LIST * or L*	Lists the current line	SQL> L*
LIST m n	Lists the range from m to n line	SQL> list 3 5
Append *text* or A *text*	Adds to the end of the current line	SQL> A ,
INPUT or I	Adds one or more lines after the current line so you can begin adding the text	SQL> I
CHANGE/text	Deletes text from the current line	SQL> c/grade_leve
CHANGE / oldtext/newtext	Replaces oldtext with newtext in the current line	SQL> c/maxt(age)/max(age)
DEL	Deletes the current line	SQL> del

SQL*PLUS: Line Editing

```
SQL> select project_name from projects;
select project_name from projects
                            *
ERROR at line 1:
ORA-00942: table or view does not exist


SQL>
```

SQL*PLUS: Line Editing

```
SQL> select project_name from projects;
select project_name from projects
                            *
ERROR at line 1:
ORA-00942: table or view does not exist


SQL> l
  1* select project_name from projects
SQL> c/projects/project
  1* select project_name from project
SQL> run
  1* select project_name from project
select project_name from project
       *
ERROR at line 1:
ORA-00904: "PROJECT_NAME": invalid identifier


SQL>
```

SQL*PLUS: Line Editing

```
SQL> l
  1* select project_name from project
SQL> c/project_name/proj_name;
  1* select proj_name from project
SQL> l
  1* select proj_name from project
SQL> run
  1* select proj_name from project

PROJ_NAME
------------------------
Q3 Portfolio Analysis
Q3 Tax Prep
Q4 Product Plan
Q4 Portfolio Analysis

SQL>
```

SQL*PLUS:
Sending Session/Results to File

- SPOOL command:
  - To send queries & results to a file for later printing
    (ex. Turning in homework, etc.)

  - Type **spool <filename>** at command line at the start of the session or where you want to start saving

  - To exit/stop saving session type: **exit** at command line

  - Spool files are automatically saved with the extension .lst in the directory you logged into SQL*PLUS

  - Each session must have a unique spool name!!!!
    CAN NOT APPEND TO A SPOOL FILE!!!!

  - Can view spool file by opening it in an editor like (pico, notepad, wordpad, etc.)

SQL*PLUS:
Sending Session/Results to File

- Ex.
  - SQL> spool assignment1   *(don't include .lst extension)*
  - SQL> (begin session)
  - SQL>......
  - SQL>......
  - SQL>......
  - SQL>exit
  - *back in UNIX>*