

# CSCI 275 – Oracle SQL\*Plus

## Connect to Database:

On network (wired or VPN)

```
sqlplus user/passwd@iras.ad.stfx.ca/CSCI275
```

or run SQL\*Plus and use

```
username: user@csci275    password: passwd
```

## Create a spool file:

To begin:

```
spool <output file path>
```

To end:

```
spool off
```

## List all parameters and values:

```
show all
```

## Set page length:

Set new length:

```
set pagesize n
```

- header every *n* lines

Set unlimited:

```
set pagesize 0
```

- leads to no header

## Set page width:

Set new width:

```
set linesize n
```

- wrap after *n* characters

## Headings:

Turn headings on:

```
set heading on
```

Turn headings off:

```
set heading off
```

## Column separator character:

Define new character:

```
set colsep "c"
```

- set character to *c* (default space)

## Format columns:

Set the format of column

```
col colname format format
```

Formats:

```
a20
```

- character data width 20

```
99
```

- number with two digits

```
9,999
```

- number with comma

```
$99,999
```

- prefix with \$

```
999.99
```

- two decimals accuracy

## Fetch First and Offset:

To skip a number of rows:

```
OFFSET n { ROW | ROWS }
```

To limit number of rows:

```
FETCH { FIRST | NEXT }  
n [ PERCENT ] { ROW | ROWS }  
{ ONLY | WITH TIES }
```

Note: either can be used alone, but if used together, OFFSET must come first