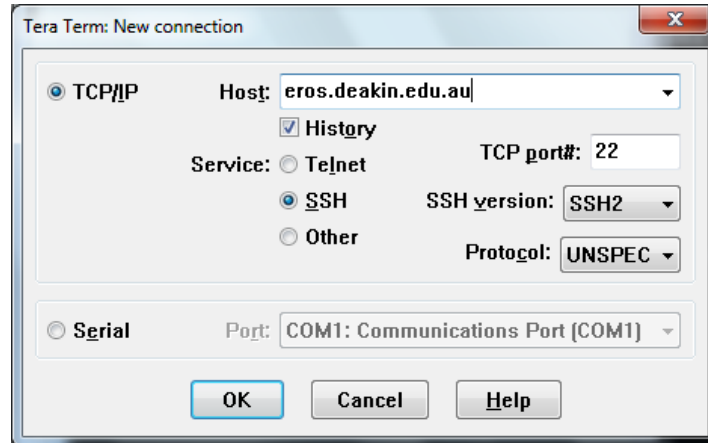


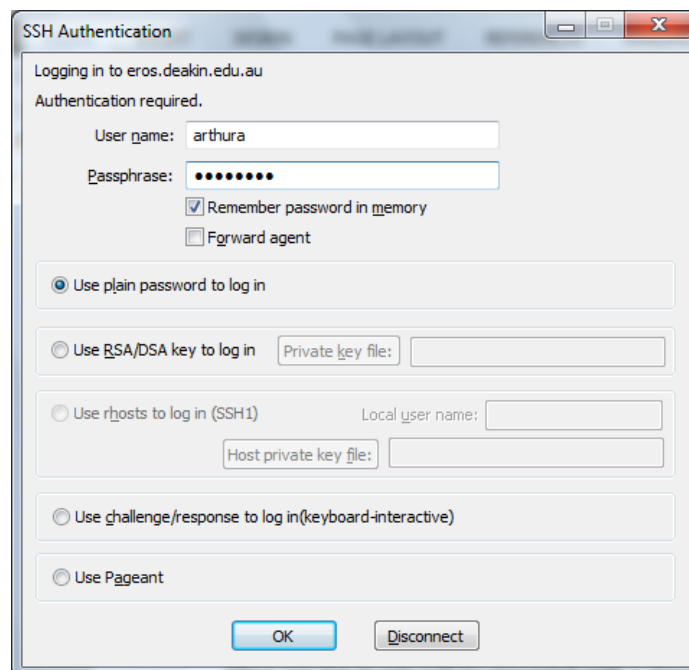
SIT103 Notes for Oracle

Connect to eros.deakin.edu.au

On your workstation, run the TeraTerm application. Enter 'eros.deakin.edu.au' as the hostname and make sure port 22 (ssh) is selected – this should be the default.

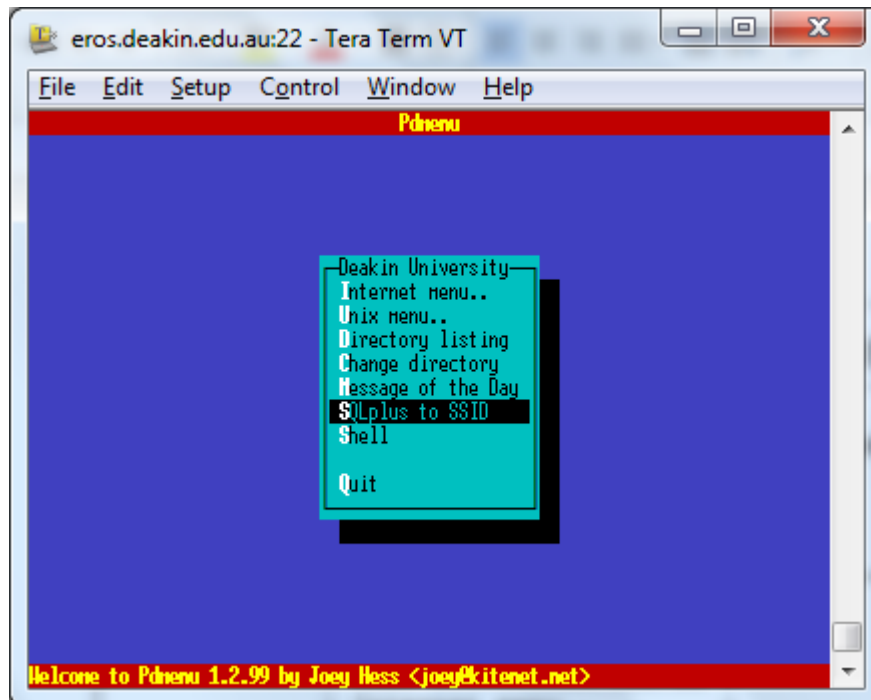


TeraTerm will prompt you for a username and password before connecting. Enter your DEAKIN USERNAME AND PASSWORD.



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Once you log in you will be presented with a character based menu:



Starting Oracle SQLPlus:

Simply use the arrow keys to move the highlight bar to the 'SQLplus to SSID' line and press RETURN. You will then be prompted for an oracle password – again, enter your DEAKIN password here.

If your password doesn't work initially and your password has punctuation characters in it, try putting double quotes around your password – "passw".

```
SQL*Plus: Release 11.2.0.1.0 Production on Fri Jul 3 10:07:54
Copyright (c) 1982, 2009, Oracle. All rights reserved.

Enter password:

Connected to:
Oracle Database 12c Enterprise Edition Release 12.1.0.1.0 - 64bit Production
With the Partitioning, OLAP, Advanced Analytics and Real Application Testing
options
SQL> enter sql commands at this prompt
```

Exiting Oracle:

```
SQL> exit
```

SIT103 Notes for Oracle

Tutorial Preparation

The tutorial exercises involve the use of a set of 4 tables for a student database. You will all use the same tables, located in the arthura account. To easily access these tables, create the following synonyms.

- Working with the command line interface
 - To **terminate** any command, use **Ctrl-C** (Press the ctrl and C keys together)
- To Create Access to Shared Tables

```
SQL> CREATE SYNONYM STUDENT    FOR ARTHURA.STUDENT;  
SQL> CREATE SYNONYM PROGRAMME  FOR ARTHURA.PROGRAMME;  
SQL> CREATE SYNONYM COURSE     FOR ARTHURA.COURSE;  
SQL> CREATE SYNONYM STUDENT_COURSE FOR ARTHURA.STUDENT_COURSE;
```

To look at the table structure:

```
SQL> DESCRIBE STUDENT
```

To issue a query on a table:

```
SQL> SELECT * FROM PROGRAMME;
```

You may remove an incorrect synonym with the DROP command:

```
SQL> DROP SYNONYM <syn name>;
```

- Editing and Storing Commands

Type your queries into notepad and at the same time have the teraterm session open logged into SQL. Simply select the query text in notepad/word and choose 'copy' and then 'paste' into the SQL telnet window. In teraterm, ctrl-v does not work for paste but you can click the right mouse button instead.