

The system used by most students at the RMIT Computer Science Department is called “yallara”. You must first open a “telnet” session to yallara. On the NT systems, you can do this by one of the following ways:

- Start → Programs → Network → yallara
- Start → Programs → Network → Tera Term Pro and type **yallara** in the “hosts” box.
- Start → Run... and type in: **telnet yallara**

Type in your username and password as prompted. Visit the Duty Programmers’ Office if you don't have these.

Clear screen		<code>clear</code>
Change password		<code>passwd</code>
List files		<code>ls</code>
	Detailed (long) listing	<code>ls -l</code>
	Append '/' to directory names	<code>ls -F</code>
	Show files starting with “.”	<code>ls -a</code>
Make directory <i>Dir_D</i>		<code>mkdir Dir_D</code>
Remove directory <i>Dir_D</i>		<code>rmdir Dir_D</code>
Change working directory to <i>Dir_D</i>		<code>cd Dir_D</code>
	Go to home directory	<code>cd</code>
Print working directory		<code>pwd</code>
Edit text file <i>File_F</i>		<code>nedit File_F</code> <code>vi File_F</code>
View contents of text file <i>File_F</i>		<code>cat File_F</code> <code>less File_F</code>
Compare files <i>File_F</i> and <i>File_G</i>	Find differences	<code>diff File_F File_G</code>
	Find commonalities	<code>comm File_F File_G</code>
Search <i>File_F</i> for “ <i>pattern</i> ”		<code>grep "pattern" File_F</code>
	Ignore case	<code>grep -i "pattern" File_F</code>
Count <i>File_F</i> lines, words, and bytes		<code>wc File_F</code>
Copy	<i>File_F</i> to <i>File_G</i>	<code>cp File_F File_G</code>
	<i>File_F</i> to <i>Dir_D</i>	<code>cp File_F Dir_D</code>
Rename	<i>File_F</i> to <i>File_G</i>	<code>mv File_F File_G</code>
	<i>Dir_D</i> to <i>Dir_E</i>	<code>mv Dir_D Dir_E</code>
Move	<i>File_F</i> to <i>Dir_D</i>	<code>mv File_F Dir_D</code>
	<i>Dir_D</i> to <i>Dir_E</i>	<code>mv File_F Dir_D</code>
Display time and date		<code>date</code>
Display calendar	This month	<code>cal</code>
	The year <i>Year_Y</i>	<code>cal Year_Y</code>
	Month <i>Month_M</i> in <i>Year_Y</i>	<code>cal Month_M Year_Y</code>
Show previously entered commands		<code>history</code>
	Execute <i>Command_Number</i>	<code>!Command_Number</code>
List other users		<code>finger</code>
	User <i>User_U</i>	<code>finger User_U</code>

Display manual page	For <i>Command_C</i> Find <i>keyword_K</i> Summary for <i>Command_C</i>	<code>man Command_C</code> <code>man -k keyword_K</code> <code>whatis Command_C</code>
Sort from <i>File_F</i> to <i>File_G</i>		<code>sort < File_F > File_G</code>
View PostScript (.ps) file <i>File_F</i>		<code>gv File_F</code>
Print file <i>File_F</i> on <i>printer</i> Display printer status Cancel printing job <i>Job</i> Cancel all print jobs		<code>lpr -P printer File_F</code> <code>lpq -P printer</code> <code>lprm Job</code> <code>lprm -a</code>
Find file <i>File_F</i>		<code>find Dir_D -name File_F -print</code>
Rund <i>Command_C</i> in background Switch task	Foreground to background Background to foreground	<code>Command_C &</code> <code>bg</code> <code>fg</code>
List running processes Kill process <i>Process_ID</i> List running jobs Kill job <i>Job_No</i>		<code>ps</code> <code>kill Process_ID</code> <code>jobs</code> <code>kill %Job_No</code>
Find location of <i>Command_C</i>		<code>which Command_C</code>
Modify <i>File_F</i> permissions	<i>Group_G</i> : u: user (owner) g: group o: others a: all <i>Permissions</i> : r: read w: write x: execute	<code>chmod Group_G +-Permissions File_F</code>
Remote access to <i>Host_H</i> Transfer files to/from <i>Host_H</i>	Useful ftp commands	<code>telnet Host_H</code> <code>ftp Host_H</code> <code>dir, cd, get, mget, put, mput</code>
File compression utilities	<code>zip/unzip</code> <code>gzip/gunzip,</code> <code>tar/untar</code> <code>gtar</code>	<code>zip ZipFile_ZF Files</code> <code>unzip ZipFile</code> <code>gzip File(s)</code> <code>gunzip GzipFile</code> <code>tar -cvf TarFile Files</code> <code>tar -xvf TarFile</code> <code>gtar -zcvf Files</code> <code>gtar -zxvf <tar file></code>
Shortcuts	Home directory Current directory Parent directory Previous directory	<code>~</code> <code>.</code> <code>..</code> <code>-</code>
Redirection	from to append to pipe through	<code><</code> <code>></code> <code>>></code> <code> </code>