

Linux Exercise

Linux

- **1. Run terminal**
- **2. Prompt**
- [user1@machine ~]\$
- • User name
- • System name
- • Name of current directory
- ~ is special
- **3. Help**
- \$man pwd
- \$man pwd > help_pwd.txt
- \$man pwd >>help_pwd.txt

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- **4. Path**
- “.” Means “current directory”
- “..” Means “the directory above this one”
- “~” means “home directory”
- Absolute: starts with “/”
- Relative: doesn’t
- **5. File/Directory Management**
- \$ pwd “Print working directory”
- \$ pwd/workshop/home/user1
- \$ ls “List directory”
- \$ ls -l “Long listing.”
- \$ cd ../ “Change directory”

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- **5. File/Directory Management**
- \$ cp /tmp/keets .
- \$ ls
- \$ gedit file1
- \$ cp file1 file2
- \$ ls
- \$ rm file1
- \$ ls
- \$ gedit file1
- \$ cat file2
- \$ more file2
- \$ mv file1 file3
- \$ ls

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- **5. File/Directory Management**
- \$ mkdir tmp
- \$ mv file3 tmp
- \$ cd tmp
- \$ ls
- \$ pwd
- \$ mv file3 ..
- \$ cd ..
- \$ rmdir tmp
- \$ ls

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- `$ whoami`
- `$ who am i`
- `$ id`
- `$ groups`
- `$ id rl2226`
- `$ groups rl2226`

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- **6. Identification**
- \$ whoami
- \$ who am i
- \$ id
- \$ groups
- \$ id rl2226
- \$ groups rl2226

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- **7. Process management**
- \$ps
- \$ w
- \$history
- \$!
- \$!!
- \$!5
- kill processi
- kill -9
- telnet
- ftp\$ps
- \$ w
- \$history
- \$!
- \$!!
- \$!5

Linux

- **8. C programming**
- `$gedit program1.c`
- -----
- `#include <stdio.h>`
- `int main()`
- `{`
- `printf("Hola mundo");`
- `return 0;`
- `}`
- -----
- `$gcc program1.c -o program1`
- `$chmod 77 file1`
- `$program1`