Shell
Command line interface to execute processes, see files, perform system tasks

Windows Shells:
cmd.exe

command.com   DOS Emulator

Accessing help information at the command line
man (command)

Example: man ps

Parameters specified in [] are optional

`top`
The `top` program shows you the top hogs of memory and CPU. The processes are auto-sorted in descending order by CPU usage.

Forking
When a process creates a child, a parent-child relationship is formed by forking. This fork is a part of the new state of the child process.

Execution Attributes

1. The two processes run concurrently
2. The parent waits for the child

Memory Attributes

1. Child is restricted to parent's memory space.
    a. Changes made affect the parent
2. Child is granted its own memory image.

Forking a process in C on Unix
```
#include<sys/types.h>
#include<unistd.h>

pid_t fork(void);
```