

Reading Assignment - 2

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System Calls

1 Windows

- ExitProcess()
- GetCurrentProcessID()
- WriteFile()
- CreateFileMapping()
- CloseHandle()
- CreateProcess()
- ReadConsole()
- WriteConsole()
- WaitForSingleObject()
- CreateFile()
- ReadFile()
- CreatePipe()
- MapViewOfFile()
- SetTimer()
- Sleep()
- SetFileSecurity()
- InitializeSecurityDescriptor()
- SetSecurityDescriptorGroup ()
- SetConsoleMode()

2 Linux

- read
- write
- open
- close
- pread64
- pwrite64
- readv
- writev
- getsockname
- getpeername
- socketpair
- setsockopt
- getsockopt
- nanosleep
- getitimer
- access
- pipe
- select
- poll
- lseek
- mmap
- mprotect
- munmap
- brk
- ioctl
- pause
- getpid
- sendfile
- stat
- fstat
- lstat
- socket
- connect
- accept
- sendto
- recvfrom
- sendmsg
- recvmsg
- shutdown
- bind
- listen
- alarm
- setitimer
- mremap
- msync
- mincore
- madvise
- shmget
- shmat
- shmctl
- dup
- dup2
- clone
- fork
- vfork
- execve
- exit
- wait4
- kill
- gettimeofday
- getrlimit
- getgroups
- setgroups
- setresuid
- getppid
- uname
- semget
- semop
- semctl
- shmdt
- msgget
- msgsnd
- msg
- msgrcv
- msgctl
- getcwd
- chdir
- fchdir
- rename
- mkdir
- rmdir
- creat
- link
- unlink
- symlink
- readlink
- chmod
- fchmod
- chown
- fchown
- lchown
- umask

3 Unix

- `getuid()`
- `geteuid()`
- `getgid()`
- `getegid()`
- `getpid()`
- `getppid()`
- `open()`
- `pause()`
- `close()`
- `write()`
- `fork()`
- `access()`
- `exec()`
- `wait()`
- `msgget()`
- `msgsnd()`
- `msgrcv()`
- `msgctl()`
- `chmod()`
- `chown()`
- `chroot()`
- `chdir()`
- `stat()`
- `fstat()`
- `ioctl()`
- `semget()`
- `shmat()`
- `shmdt()`
- `semop()`
- `semop()`
- `stime()`
- `dup()`
- `link()`
- `unlink()`
- `alarm()`
- `times()`
- `signal()`
- `kill()`
- `exit()`

References

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