

SSN COLLEGE OF ENGINEERING, KALAVAKKAM
(An Autonomous Institution, Affiliated to Anna University, Chennai)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

UCS1411 - OPERATING SYSTEMS LAB

Lab Exercise 1 Study of System calls and System Commands

1. Study the following system calls and system commands (using Linux manual pages)

System Commands	System calls
cp -i	fork()
mv -i	execl()
ls -l	getpid()
grep -c,-v	getppid()
chmod	exit()
cat	wait()
mkdir	close()
rm	opendir()
rmdir	readdir()
wc	open()
who	read()
head -n	write()
tail -n	creat()
nl	sleep()
awk	

Write the following in your observation for each of the commands and calls.

(1) System Commands:

Name, Purpose, Options, Syntax, Example

(2) System Calls:

Name, Description, Header file, Syntax, Arguments, Return type (both : on success and on failure)