CSE 216: Recitation 1

PART A:

The following table provides common commands used at the DOS prompt in Windows and their counterparts in Linux. Note that these commands usually have a number of options. To learn more about each command, read its associated man page (for example, type man is at the shell prompt to read about the is command).

Taken from: http://www.yolinux.com/TUTORIALS/unix for dos users.html

Command Comparison:

DOS Command	UNIX or Bash Command	Action
DIR	ls -l (or use ls -lF)(-a all files) (df -k Space remaining on filesystem)	List directory contents
DIR *.* /o-d DIR *.* /v /os DIR /s DIR /aa	Is -tr Is -Is Is -R Is -a	List directory contents by reverse time of modification/creation. List files and size List directory/sub-directory contents recursively. List hidden files.
TREE	ls -R	List directory recursivly
CD	cd	Change directory
MKDIR MD	mkdir	Make a new directory
ASSIGN	In	Create a file or directory link
RMDIR RD	rmdir	Remove a directory
CHDIR	pwd	Display directory location
DEL ERASE	rm -iv	Remove a file
RMDIR /S (NT) DELTREE (Win 95)	rm -R	Remove all directories and files below given directory
COPY	cp -piv	Copy a file
XCOPY	cp -R	Copy all file of directory recursivly
RENAME or MOVE	mv -iv	Rename/move a file
TYPE	cat	Dump contents of a file to users screen
MORE	more	Pipe output a single page at a time
HELP or COMMAND /?	man	Online manuals
CLS	clear ctrl-l	Clear screen
EXIT EXIT0	exit exit 0	Exit a shell

FIND		Look for a word in files given in
FINDSTR	grep	Look for a word in files given in command line
СОМР	diff	Compare two files and show differences. Also see comm, cmp, mgdiff and tkdiff.
FC	diff	Compare two files and show differences. Also see comm, cmp, mgdiff and tkdiff.
SET	set and env	List all environment variables
SET <i>variable=value</i> echo % <i>variable</i> %	set export <i>variable=value</i> echo \$ <i>variable</i>	Set environment variables Show environment variables
ECHO text	echo text	Echo text to screen
SET variable	setenv (for C shell) or export <i>VAR=val</i> (for Korn shell. Also <i>VAR=val</i>)	Set environment variables
PATH PATH %PATH%;C:\DIR	echo \$PATH PATH=\$PATH:/dir	Display search path for executables. Set PATH environment variable.
PROMPT \$p\$g	export PS1='\h(\u)\W> '	Set user command prompt.
DATE or TIME	date	Show date. (also set date - DOS only)
DOSKEY /h	history	List command history
DOSKEY NAME=command	alias NAME=command	Set command alias
BREAK ON	trap	Trap ctrl-break / Trap signals.
SORT	sort	Sort data alphabetically/numerically
EDLIN	ed	Line mode editor
EDIT filename.txt	pico, gnp, vi, xedit, xemacs,dtpad	Edit a file. The Linux editor which looks most like DOS edit is probably Pico. (Not a recomendation!)
BACKUP files A:\	tar -cvf /dev/fd0 files mdir, mcopy doswrite -a file (AIX only)	Save files to external drive.
RESTORE A:\ files	tar -xvf /dev/fd0 files mdir, mcopy dosread -a file (AIX only)	Read files from external drive.
ATTRIB [+r -r] [+a -a] [+s -s] [path\file] /s	chmod	Change file permissions. DOS: +:set to -:remove r:Read only a:Archive s:System /s:recursively
ATTRIB +h or -h	mv file .file	Change file to a hidden file - rename file with prefix "."
PRINT	lpr	Print a file

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WIN	startx	Start X-Windows.
REBOOT	shutdown -r now	Reboot system.

See more examples: https://access.redhat.com/documentation/en-us/Red Hat Enterprise Linux/4/html/Step by Step Guide/ap-doslinux.html

PART B:

Download the following repository files from Github repository:
 https://github.com/RameshMF/object-oriented-design/blob/master/README.md

2. Open the following projects in Netbeans:

OOPS concepts

Design principles

Go through the source code. It will be explained in the subsequent recitation.