**Lab 2 – DOS commands**

Please try all the DOS commands (as requested by the instructor in class) in your Windows/Mac CMD shell and copy (Ctrl-Alt-PrintScreen) the output to your Word document.

There is no Java programs for this lab assignment.

==========================================================================.

**How to submit your Lab or Project Assignment (PA)?**

(1) Each program must be well-documented with block comments and proper line comments. The

beginning of each program must have a block comment to show your name, date, and purpose.

The following is an example of block and line comments.

/\*

Author: Dr. Simon Lin

Date: 1/23/2016

Purpose: To hash 12 social security numbers into 3-digit employee ids with no collision

\*/

int yearCount = 0 ; // yearCount to count # of years being processed so far

(2) You must submit the following items as attachments through sakai.apu.edu.

(a) All source programs (i.e., all **.java** files), and

(b) One WORD document (i.e., **.doc** or **.docx** file) containing all source programs’ listing and the

output of your hash table. ==========================================================================.

Grading Rubric:

You got \_\_\_ points out of 100 for **CS250 Lab 2**. Thank you for your excellent/good work.

[ ] -10 points for each day late.

[ ] 30 points – You must follow the program specification to develop your programs properly and completely.

[ ] 60 points – You must submit your WORD document.

[ ] -5 points if your program did not have block comment to show your name, date, and purpose.

[ ] 5 points – Your WORD document must show “**CS250 Lab 2**” and your full name on the **header**.

[ ] 5 points – Your WORD document must be page-numbered on the footer with format “Page 2 of 15” (for example).

==================================================================================.

Please use this Word document as a template for your Word document to be submitted. Please delete everything above.

Please copy your output into here for each DOS command you have tested:

/\*

Author: Jie Gao

Date: 2/17/2016

Purpose: To test the DOS Commands

\*/

Microsoft Windows [Version 10.0.10586]

(c) 2015 Microsoft Corporation. All rights reserved.

C:\Users\Administrator>dir

Volume in drive C has no label.

Volume Serial Number is BEF9-EEFB

Directory of C:\Users\Administrator

02/17/2016 06:12 PM <DIR> .

02/17/2016 06:12 PM <DIR> ..

05/23/2015 08:05 PM <DIR> .android

05/21/2015 08:47 AM <DIR> .AndroidStudio

05/23/2015 08:17 PM <DIR> .AndroidStudio1.2

05/23/2015 08:59 PM 46 .gitconfig

05/23/2015 08:14 PM <DIR> .gradle

08/27/2015 09:09 PM <DIR> .oracle\_jre\_usage

05/23/2015 08:02 PM <DIR> .ssh

02/01/2016 11:11 AM <DIR> .vs

02/17/2016 03:34 AM <DIR> Contacts

02/17/2016 05:27 PM <DIR> Desktop

02/17/2016 11:49 AM <DIR> Documents

02/17/2016 05:54 PM <DIR> Downloads

02/17/2016 03:34 AM <DIR> Favorites

02/10/2016 05:45 PM <DIR> Games

02/17/2016 03:34 AM <DIR> Links

02/17/2016 03:34 AM <DIR> Music

02/16/2016 07:52 PM <DIR> OneDrive

05/11/2015 03:19 AM <DIR> Personal

02/17/2016 03:34 AM <DIR> Pictures

02/17/2016 05:29 PM <DIR> Roaming

02/17/2016 03:34 AM <DIR> Saved Games

02/17/2016 03:34 AM <DIR> Searches

02/17/2016 03:34 AM <DIR> Video

02/16/2016 07:45 PM <DIR> Videos

02/03/2016 02:57 PM <DIR> workspace

09/21/2015 11:14 PM <DIR> 桌面

1 File(s) 46 bytes

27 Dir(s) 759,823,822,848 bytes free

C:\Users\Administrator>cd

C:\Users\Administrator

C:\Users\Administrator>cd games

C:\Users\Administrator\Games>chdir

C:\Users\Administrator\Games

C:\Users\Administrator\Games>comp

Name of first file to compare: a

Name of second file to compare: b

Option: a

Bad command line syntax

C:\Users\Administrator\Games>compact

Listing C:\Users\Administrator\Games\

New files added to this directory will not be compressed.

0 : 0 = 1.0 to 1 a.txt

0 : 0 = 1.0 to 1 b.txt

0 : 0 = 1.0 to 1 c

0 : 0 = 1.0 to 1 CH-pcsx2svn1847

0 : 0 = 1.0 to 1 Romance of the Three Kingdoms 13

1555234816 : 1555234816 = 1.0 to 1 太阁立志传5 Taikou Risshiden V [NTSC-J] [SLPM-65674].ISO

0 : 0 = 1.0 to 1 最终幻想12中文版

Of 8 files within 1 directories

0 are compressed and 8 are not compressed.

1,555,235,234 total bytes of data are stored in 1,555,235,234 bytes.

The compression ratio is 1.0 to 1.

C:\Users\Administrator\Games>copy

The syntax of the command is incorrect.

C:\Users\Administrator\Games>copy a

The system cannot find the file specified.

C:\Users\Administrator\Games>date

The current date is: 02/17/2016 Wed

Enter the new date: (mm-dd-yy)

C:\Users\Administrator\Games>fc

FC: Insufficient number of file specifications

C:\Users\Administrator\Games>for

The syntax of the command is incorrect.

C:\Users\Administrator\Games>goto

C:\Users\Administrator\Games>help

For more information on a specific command, type HELP command-name

ASSOC Displays or modifies file extension associations.

ATTRIB Displays or changes file attributes.

BREAK Sets or clears extended CTRL+C checking.

BCDEDIT Sets properties in boot database to control boot loading.

CACLS Displays or modifies access control lists (ACLs) of files.

CALL Calls one batch program from another.

CD Displays the name of or changes the current directory.

CHCP Displays or sets the active code page number.

CHDIR Displays the name of or changes the current directory.

CHKDSK Checks a disk and displays a status report.

CHKNTFS Displays or modifies the checking of disk at boot time.

CLS Clears the screen.

CMD Starts a new instance of the Windows command interpreter.

COLOR Sets the default console foreground and background colors.

COMP Compares the contents of two files or sets of files.

COMPACT Displays or alters the compression of files on NTFS partitions.

CONVERT Converts FAT volumes to NTFS. You cannot convert the

current drive.

COPY Copies one or more files to another location.

DATE Displays or sets the date.

DEL Deletes one or more files.

DIR Displays a list of files and subdirectories in a directory.

DISKPART Displays or configures Disk Partition properties.

DOSKEY Edits command lines, recalls Windows commands, and

creates macros.

DRIVERQUERY Displays current device driver status and properties.

ECHO Displays messages, or turns command echoing on or off.

ENDLOCAL Ends localization of environment changes in a batch file.

ERASE Deletes one or more files.

EXIT Quits the CMD.EXE program (command interpreter).

FC Compares two files or sets of files, and displays the

differences between them.

FIND Searches for a text string in a file or files.

FINDSTR Searches for strings in files.

FOR Runs a specified command for each file in a set of files.

FORMAT Formats a disk for use with Windows.

FSUTIL Displays or configures the file system properties.

FTYPE Displays or modifies file types used in file extension

associations.

GOTO Directs the Windows command interpreter to a labeled line in

a batch program.

GPRESULT Displays Group Policy information for machine or user.

GRAFTABL Enables Windows to display an extended character set in

graphics mode.

HELP Provides Help information for Windows commands.

ICACLS Display, modify, backup, or restore ACLs for files and

directories.

IF Performs conditional processing in batch programs.

LABEL Creates, changes, or deletes the volume label of a disk.

MD Creates a directory.

MKDIR Creates a directory.

MKLINK Creates Symbolic Links and Hard Links

MODE Configures a system device.

MORE Displays output one screen at a time.

MOVE Moves one or more files from one directory to another

directory.

OPENFILES Displays files opened by remote users for a file share.

PATH Displays or sets a search path for executable files.

PAUSE Suspends processing of a batch file and displays a message.

POPD Restores the previous value of the current directory saved by

PUSHD.

PRINT Prints a text file.

PROMPT Changes the Windows command prompt.

PUSHD Saves the current directory then changes it.

RD Removes a directory.

RECOVER Recovers readable information from a bad or defective disk.

REM Records comments (remarks) in batch files or CONFIG.SYS.

REN Renames a file or files.

RENAME Renames a file or files.

REPLACE Replaces files.

RMDIR Removes a directory.

ROBOCOPY Advanced utility to copy files and directory trees

SET Displays, sets, or removes Windows environment variables.

SETLOCAL Begins localization of environment changes in a batch file.

SC Displays or configures services (background processes).

SCHTASKS Schedules commands and programs to run on a computer.

SHIFT Shifts the position of replaceable parameters in batch files.

SHUTDOWN Allows proper local or remote shutdown of machine.

SORT Sorts input.

START Starts a separate window to run a specified program or command.

SUBST Associates a path with a drive letter.

SYSTEMINFO Displays machine specific properties and configuration.

TASKLIST Displays all currently running tasks including services.

TASKKILL Kill or stop a running process or application.

TIME Displays or sets the system time.

TITLE Sets the window title for a CMD.EXE session.

TREE Graphically displays the directory structure of a drive or

path.

TYPE Displays the contents of a text file.

VER Displays the Windows version.

VERIFY Tells Windows whether to verify that your files are written

correctly to a disk.

VOL Displays a disk volume label and serial number.

XCOPY Copies files and directory trees.

WMIC Displays WMI information inside interactive command shell.

For more information on tools see the command-line reference in the online help.

C:\Users\Administrator\Games>md

The syntax of the command is incorrect.

C:\Users\Administrator\Games>mkdir

The syntax of the command is incorrect.

C:\Users\Administrator\Games>mkdir a

C:\Users\Administrator\Games>ren a d

C:\Users\Administrator\Games>redir c

'redir' is not recognized as an internal or external command,

operable program or batch file.

C:\Users\Administrator\Games>rmdir c

C:\Users\Administrator\Games>

C:\Users\Administrator\Games>more

da

da

a

a

move

move

exit

exit