

LAB 8.4 Windows Batch Files – Sample Solutions

Before attempting this, you should read the “Introduction to Windows Batch Files” document

Task 1:

Using the help operation or other means, record the answers to the following questions

What command gives you a list of commands along with a short explanation?	<i>help</i>
What command gives a list of files and directories?	<i>dir</i>
What command changes to H: drive	<i>H:</i>
You are in the root of C: drive (c:\) and you want to see a list of files and directories on H: drive. How do you do this without changing to the H: drive	<i>dir H:</i>
How do you get a list of files and directories and pauses after each screen?	<i>dir /p</i> <i>dir more</i>
What switch do you use with DIR to display the output in lowercase?	<i>dir /l</i>
Which wildcard character is used to replace only one character?	<i>?</i>
Which wildcard character is used to replace 0 or more characters?	<i>*</i>
How do you display only the files that start with m?	<i>dir /a-d m*.*</i>
Which symbol is used for redirecting the output away from the screen to a file?	<i>></i> <i>>> (append)</i>
Show the command that redirects the output of the DIR command into a file called <i>readme.txt</i> ?	<i>dir > readme.txt</i>

Task 2: Use Batch Files for Questions 1 - 4

1. List the current directory in order by file name, pausing when the screen gets full. When finished display "Finished!" to console.

```
dir /on /p  
echo "Finished!"
```

2. Create the directory structure of Task 2 of Lab 8.2.

```
mkdir os\lab8\Finance os\lab8\Customer os\lab8\Public\Forms  
mkdir os\lab8\Public\Info os\lab8\Archive
```

3. Write a batch file to redirect the directory listing of current drive to a log file, display the contents of the log file on the screen and finish with a message.

```
dir c: > drivelisting.log  
type drivelisting.log  
echo "This is my message!"
```

4. This batch file should perform the following in this order.

```
Clears the screen  
Shows the version of the operating system  
Displays the date without prompting for a new one  
Displays the time without prompting for a new one  
Displays a blank space (Use ECHO)  
Displays the contents of the c:\windows directory  
Pauses  
Displays only the files that have an extension of .log in c:\windows  
Pauses  
Displays help information on the delete command  
Pauses  
Displays help information on the rename command
```

@echo off

REM Clear the screen

cls

REM Show the version of the operating system

ver

REM Display the date without prompting for a new one

date /t

REM Display the time without prompting for a new one

time /t

REM Display a blank space

echo.

REM Display the contents of the c:\windows directory

dir c:\windows

REM Pause

pause

REM Display only files that have extension of .log in c:\windows

dir c:\windows*.log

REM Pause

pause

REM Display help information on the delete command

del /?

REM Pause

pause

REM Display help information on the rename command

ren /?