Windows

Redirection.
Use of Parameters.

Windows Lab 8 Preparation

- You will use the redirection (>) and append (>>) operators.

What does this batch file do?

```
@ECHO OFF
ECHO My directory Listing > myFile.txt
DIR >>  myFile.txt
ECHO end of Listing >> myFile.txt
TYPE myFile.txt
```

Parameters

- You will use Parameters

    For example, how would you write a batch file to send *any* string to a file?

A short exercise:

1. First write a batch file that sends your name (2 strings) to a file called MyName.txt, and then displays the contents of the file on the screen.

2. Replace the strings in your file with parameters.

1. First write a batch file that sends your name (2 strings) to a file called myName.txt, and then displays the contents of the file on the screen.

Call this file, for example myNames.bat

```
@ECHO off
CLS
ECHO Joe > myName.txt
ECHO Bloggs >> myName.txt
TYPE myName.txt
PAUSE
```

2. Replace the strings in your file with parameters.

```
@ECHO off
CLS
ECHO  %1  > myName.txt
ECHO  %2  >> myName.txt
TYPE myName.txt
PAUSE
```

How would you check that a file exists?

For example, what line of code in your batch file would check that `myName.txt` exists in a particular location e.g. in the **c:\temp\lab8** folder ?

Answer:

Simple Answer:
DIR C:\temp\lab8\myName.txt

More Correct Answer:
if exist C:\temp\lab8\myName.txt (
        echo file exists
) else (
        echo file doesn't exist
)

How would you check that a file contains a particular string?

For example, what line of code in your batch file would check that `MyName.txt` contains the string "Joe"?

Answer:

Find "Joe" myName.txt

- Note: although Windows/MS-DOS is not case sensitive, the 'Find' command **is** case sensitive
    - "Joe" is not the same as "joe"