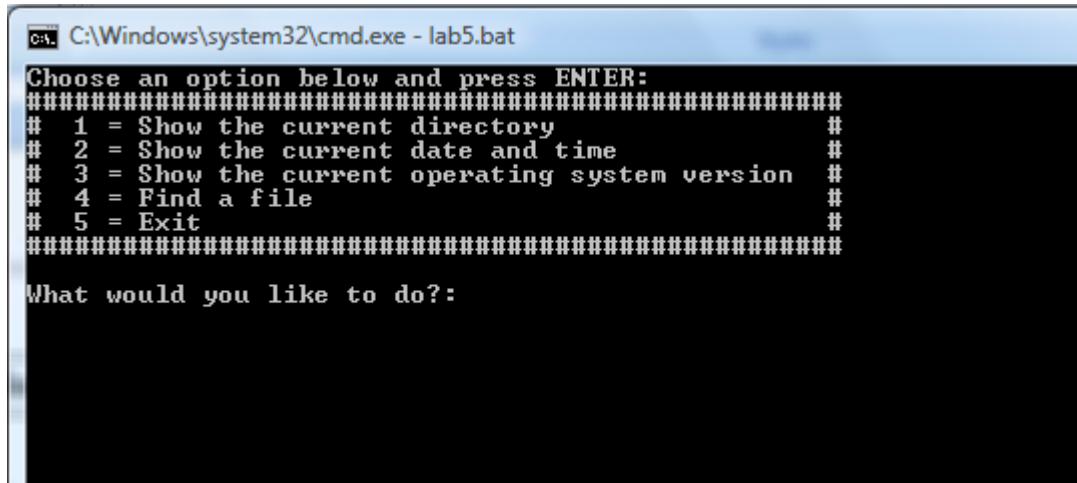


Batch files and Environment Variables

In this lab you will create a mini operating system called **MyOS.bat**

When you run this batch file it should present the user with a nice looking menu of options as follows:

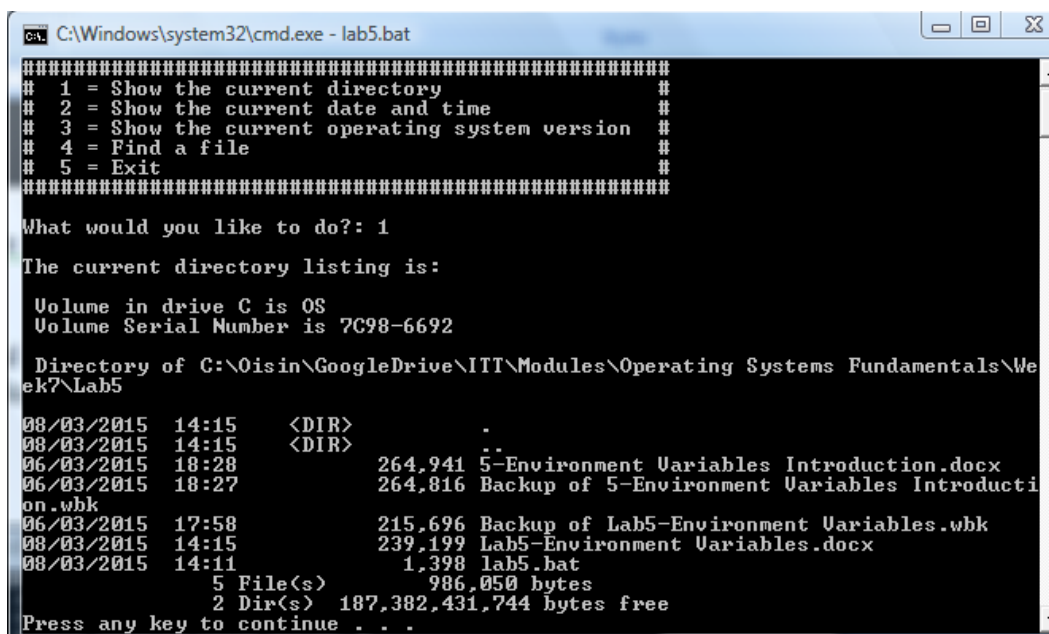


```

C:\Windows\system32\cmd.exe - lab5.bat
Choose an option below and press ENTER:
#####
# 1 = Show the current directory                #
# 2 = Show the current date and time            #
# 3 = Show the current operating system version #
# 4 = Find a file                              #
# 5 = Exit                                      #
#####
What would you like to do?:

```

- (a) The batch file waits for the user to type in their option and press ENTER.
- (b) If they typed "1" then your batch file should execute the DIR command followed by the PAUSE command, and then redisplay the main menu.



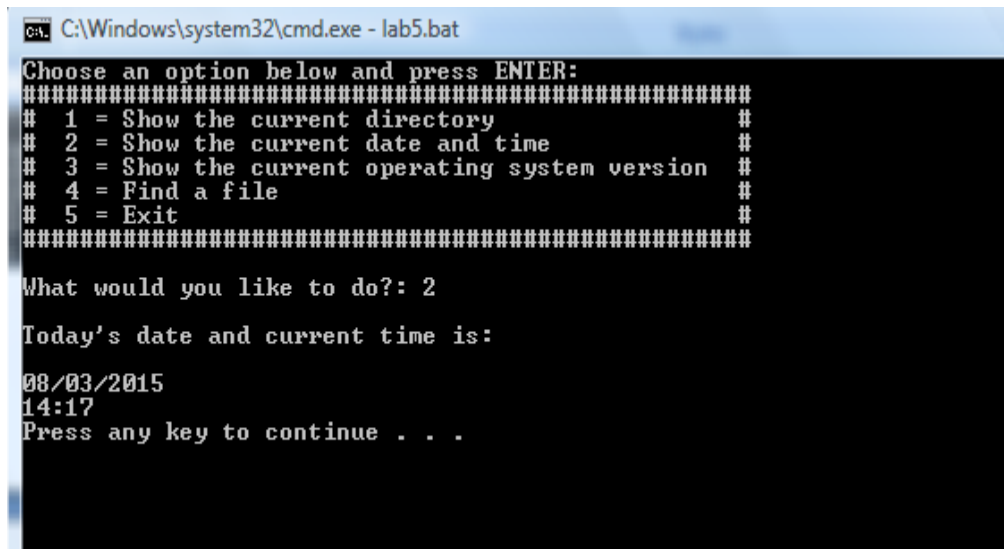
```

C:\Windows\system32\cmd.exe - lab5.bat
#####
# 1 = Show the current directory                #
# 2 = Show the current date and time            #
# 3 = Show the current operating system version #
# 4 = Find a file                              #
# 5 = Exit                                      #
#####
What would you like to do?: 1
The current directory listing is:
Volume in drive C is OS
Volume Serial Number is 7C98-6692

Directory of C:\Oisin\GoogleDrive\ITT\Modules\Operating Systems Fundamentals\Week?Lab5
08/03/2015  14:15    <DIR>          .
08/03/2015  14:15    <DIR>          ..
06/03/2015  18:28           264,941  5-Environment Variables Introduction.docx
06/03/2015  18:27           264,816  Backup of 5-Environment Variables Introduction.wbk
06/03/2015  17:58           215,696  Backup of Lab5-Environment Variables.wbk
08/03/2015  14:15           239,199  Lab5-Environment Variables.docx
08/03/2015  14:11             1,398  lab5.bat
                    5 File(s)          986,050 bytes
                    2 Dir(s) 187,382,431,744 bytes free
Press any key to continue . . .

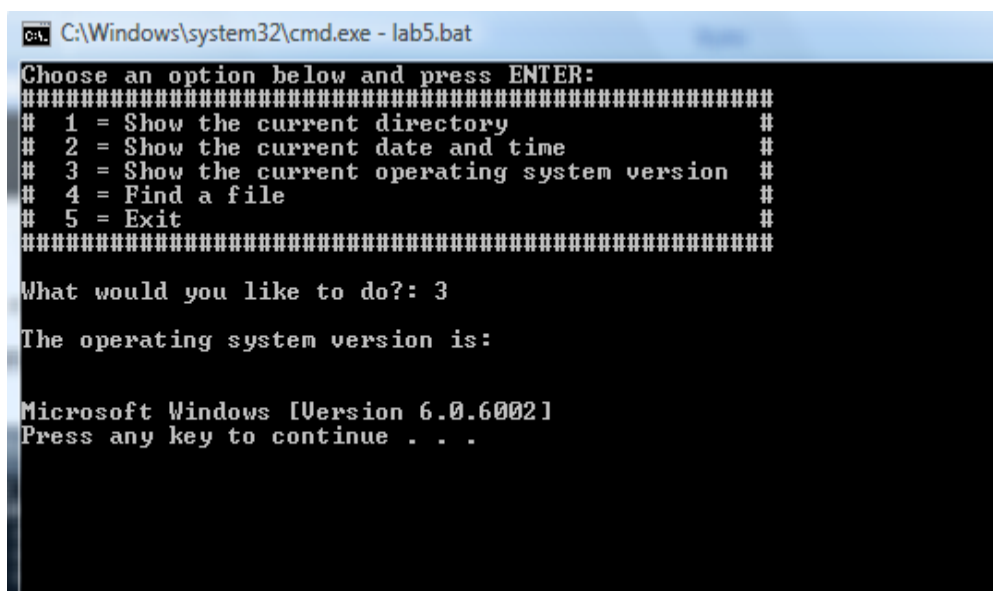
```

- (c) If they typed “2” your batch file should execute the DATE /T command followed by the TIME /T command followed by the PAUSE command, and then redisplay the main menu.



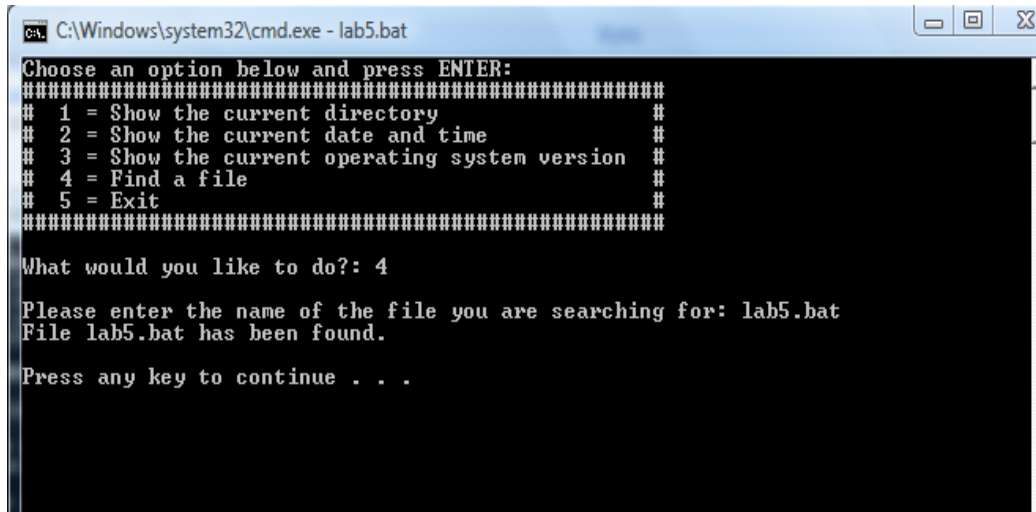
```
C:\Windows\system32\cmd.exe - lab5.bat
Choose an option below and press ENTER:
#####
# 1 = Show the current directory          #
# 2 = Show the current date and time      #
# 3 = Show the current operating system version #
# 4 = Find a file                        #
# 5 = Exit                              #
#####
What would you like to do?: 2
Today's date and current time is:
08/03/2015
14:17
Press any key to continue . . .
```

- (d) If they typed “3” your batch file should execute the VER command followed by the PAUSE command, and then redisplay the main menu.



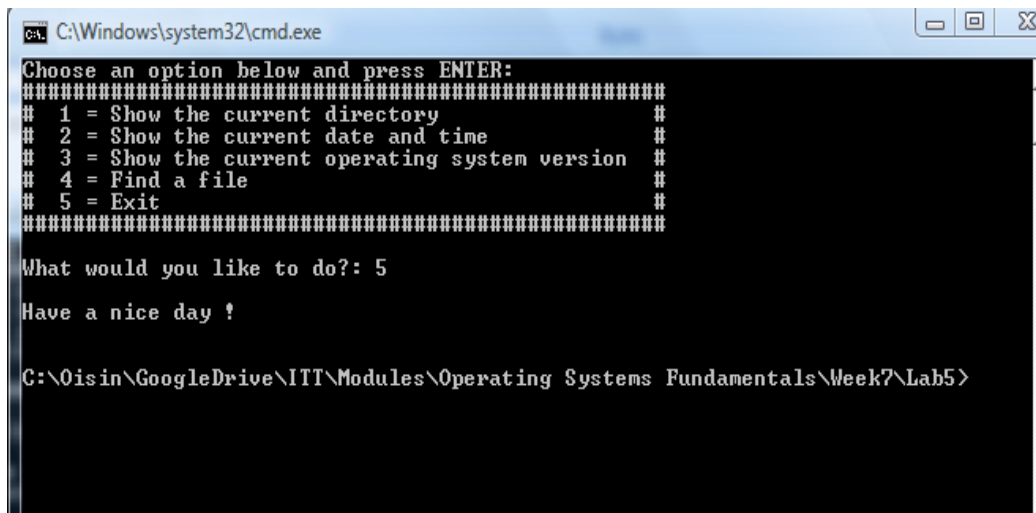
```
C:\Windows\system32\cmd.exe - lab5.bat
Choose an option below and press ENTER:
#####
# 1 = Show the current directory          #
# 2 = Show the current date and time      #
# 3 = Show the current operating system version #
# 4 = Find a file                        #
# 5 = Exit                              #
#####
What would you like to do?: 3
The operating system version is:
Microsoft Windows [Version 6.0.6002]
Press any key to continue . . .
```

- (e) If they typed "4" your batch file should prompt them to enter the name of a file. Once the user presses ENTER, the batch file should indicate whether the file exists in the current directory or not.



```
C:\Windows\system32\cmd.exe - lab5.bat
Choose an option below and press ENTER:
#####
# 1 = Show the current directory          #
# 2 = Show the current date and time     #
# 3 = Show the current operating system version #
# 4 = Find a file                        #
# 5 = Exit                              #
#####
What would you like to do?: 4
Please enter the name of the file you are searching for: lab5.bat
File lab5.bat has been found.
Press any key to continue . . .
```

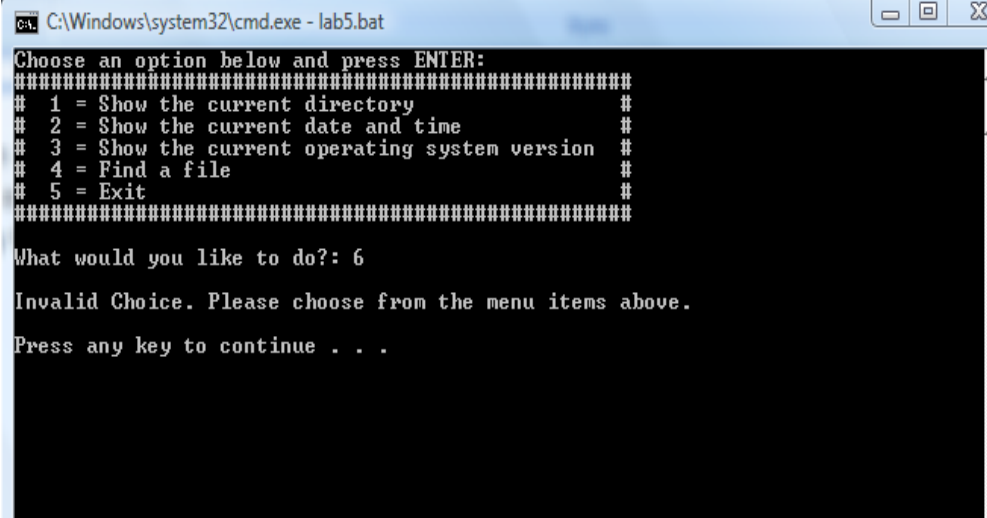
- (f) If they typed "5" your batch file should display a nice message and finish.



```
C:\Windows\system32\cmd.exe
Choose an option below and press ENTER:
#####
# 1 = Show the current directory          #
# 2 = Show the current date and time     #
# 3 = Show the current operating system version #
# 4 = Find a file                        #
# 5 = Exit                              #
#####
What would you like to do?: 5
Have a nice day !

C:\Ois\GoogleDrive\ITT\Modules\Operating Systems Fundamentals\Week7\Lab5>
```

- (g) If they type in any other option then your batch file should display a user-friendly error message followed by the PAUSE command, and then redisplay the main menu.



```
C:\Windows\system32\cmd.exe - lab5.bat
Choose an option below and press ENTER:
#####
# 1 = Show the current directory          #
# 2 = Show the current date and time     #
# 3 = Show the current operating system  #
# 4 = Find a file                       #
# 5 = Exit                              #
#####
What would you like to do?: 6
Invalid Choice. Please choose from the menu items above.
Press any key to continue . . .
```