

A1: (dir) Displays a list of files and subdirectories in a directory.

A2: (mkdir) Creates a directory.

A3: (cd) Displays the name of or changes the current directory.

A4: (rmdir) Removes a directory.

A5: (echo) Displays messages , or turns command-echoing on or off.

A6: (set) Displays, sets, or removes cmd.exe environment variables.

A7:

```
C:\>mkdir LAB1-1
C:\>cd LAB1-1
C:\LAB1-1>mkdir LAB1-1-1
C:\LAB1-1>cd LAB1-1-1
C:\LAB1-1\LAB1-1-1>
C:\LAB1-1\LAB1-1-1>cd..
C:\LAB1-1>cd..
C:\>mkdir LAB1-2
C:\>cd LAB1-2
C:\LAB1-2>mkdir LAB1-3
C:\LAB1-2>cd LAB1-3
```

A8:

```
C:\LAB1-2>cd..
C:\>cd LAB1-1
C:\LAB1-1>rmdir LAB1-1-1
C:\LAB1-1>cd LAB1-1-1
Το σύστημα δεν είναι σε θέση να εντοπίσει την καθορισμένη διαδρομή δίσκου.
C:\LAB1-1>cd..
C:\>rmdir LAB1-1
C:\>cd LAB1-1
Το σύστημα δεν είναι σε θέση να εντοπίσει την καθορισμένη διαδρομή δίσκου.
```

A9: copy: copies an item from one location to another location in the same namespace. For instance, it can copy a file to a folder, but it can't copy a file to a certificate drive.

A10: rename: changes the name of the first filename you enter to the second filename you enter. If you enter a path designation for the first filename, the renamed file will be stored on that same path.

A11: erase: used to remove files from your computer's hard drive as well as other storage devices.

A12: copy C:\Windows\win.ini C:\LAB1-2

```

C:\>copy C:\Windows\win.ini C:\LAB1-2
1 file(s) copied.

C:\>cd LAB1-2

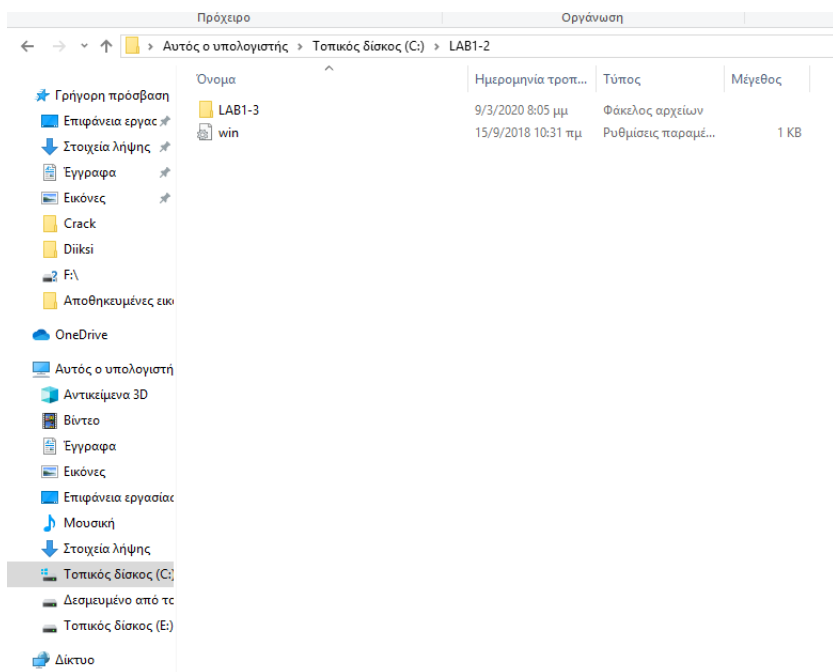
C:\LAB1-2>dir
Volume in drive C has no label.
Volume Serial Number is C429-2B4F

Directory of C:\LAB1-2

09/03/2020  08:17 μμ    <DIR>          .
09/03/2020  08:17 μμ    <DIR>          ..
09/03/2020  08:05 μμ    <DIR>          LAB1-3
15/09/2018  09:31 πμ              92 win.ini
               1 File(s)              92 bytes
               3 Dir(s) 39.585.447.936 bytes free

```

A13:



```

C:\>dir /X
Volume in drive C has no label.
Volume Serial Number is C429-2B4F

Directory of C:\

28/02/2019  06:30 μμ    <DIR>          AMD
10/12/2019  03:54 μμ    <DIR>          Android
23/09/2019  01:48 μμ    15.073.585    aow_drv.log
05/01/2020  10:27 μμ    <DIR>          Games
09/03/2020  08:17 μμ    <DIR>          LAB1-2
15/09/2018  09:33 πμ    <DIR>          PerfLogs
20/01/2020  04:35 μμ    <DIR>          PROGRA~1 Program Files
14/01/2020  02:55 μμ    <DIR>          PROGRA~2 Program Files (x86)
02/01/2020  09:35 μμ    <DIR>          Users
23/02/2020  10:53 μμ    <DIR>          Windows
               1 File(s)      15.073.585 bytes
               9 Dir(s) 39.578.726.400 bytes free

```

A14:

A15:

A16:

A19: wdir=123456

A20:

A21:

```
C:\>d:
```

A22:

```
D:\>
```

```
D:\>dir
```

```
Volume in drive D is Δεσμευμένο από το σύστημα  
Volume Serial Number is 3EE4-F255
```

```
Directory of D:\
```

A23:

```
File Not Found
```

```
D:\>dir /s
```

```
Volume in drive D is Δεσμευμένο από το σύστημα  
Volume Serial Number is 3EE4-F255
```

```
Directory of D:\Boot
```

```
14/02/2019 07:29 μμ <DIR> bg-BG  
15/09/2018 09:28 πμ 18.944 bootuwf.dll  
13/02/2019 04:25 μμ 100.152 bootvhd.dll  
14/02/2019 07:29 μμ <DIR> cs-CZ  
14/02/2019 07:29 μμ <DIR> da-DK  
14/02/2019 07:29 μμ <DIR> de-DE  
14/02/2019 07:29 μμ <DIR> el-GR  
14/02/2019 07:29 μμ <DIR> en-GB  
14/02/2019 07:29 μμ <DIR> en-US  
14/02/2019 07:29 μμ <DIR> es-ES  
14/02/2019 07:29 μμ <DIR> es-MX  
14/02/2019 07:29 μμ <DIR> et-EE  
14/02/2019 07:29 μμ <DIR> fi-FI  
03/02/2019 02:02 πμ <DIR> Fonts  
14/02/2019 07:29 μμ <DIR> fr-CA  
14/02/2019 07:29 μμ <DIR> fr-FR  
14/02/2019 07:29 μμ <DIR> hr-HR  
14/02/2019 07:29 μμ <DIR> hu-HU  
14/02/2019 07:29 μμ <DIR> it-IT  
14/02/2019 07:29 μμ <DIR> ja-JP  
14/02/2019 07:29 μμ <DIR> ko-KR  
14/02/2019 07:29 μμ <DIR> lt-LT  
14/02/2019 07:29 μμ <DIR> lv-LV  
03/02/2019 03:11 μμ 992.056 memtest.exe  
14/02/2019 07:29 μμ <DIR> nb-NO  
14/02/2019 07:29 μμ <DIR> nl-NL  
14/02/2019 07:29 μμ <DIR> pl-PL  
14/02/2019 07:29 μμ <DIR> pt-BR  
14/02/2019 07:29 μμ <DIR> pt-PT  
14/02/2019 07:29 μμ <DIR> qps-ploc  
14/02/2019 07:29 μμ <DIR> qps-plocm  
03/02/2019 02:02 πμ <DIR> Resources  
14/02/2019 07:29 μμ <DIR> ro-RO  
14/02/2019 07:29 μμ <DIR> ru-RU  
14/02/2019 07:29 μμ <DIR> sk-SK  
14/02/2019 07:29 μμ <DIR> sl-SI  
14/02/2019 07:29 μμ <DIR> sr-Latn-RS  
14/02/2019 07:29 μμ <DIR> sv-SE  
14/02/2019 07:29 μμ <DIR> tr-TR  
14/02/2019 07:29 μμ <DIR> uk-UA  
14/02/2019 07:29 μμ <DIR> zh-CN  
14/02/2019 07:29 μμ <DIR> zh-TW  
3 File(s) 1.111.152 bytes
```

A24:

A25: oxi

A26: displays help information on that command

```

D:\>ping 83.212.16.1

Pinging 83.212.16.1 with 32 bytes of data:
Reply from 83.212.16.1: bytes=32 time=39ms TTL=55
Reply from 83.212.16.1: bytes=32 time=40ms TTL=55
Reply from 83.212.16.1: bytes=32 time=39ms TTL=55
Reply from 83.212.16.1: bytes=32 time=38ms TTL=55

Ping statistics for 83.212.16.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 38ms, Maximum = 40ms, Average = 39ms

```

A27:

A28: Pause command used to pause a single command. It allows the computer to pause the currently running batch file until the user presses any key.

```

hello my world
Press any key to continue . . .

```

C1:

```

Hello! Today Sales at 20%
Press any key to continue . . .

```

C2:

```

@echo off
echo Hello %2
shift
pause

```

C3:

```

@echo off
echo Hello %1
shift

```

C4:

Σε αυτό το σενάριο το %0 είναι το c4.cmd, το %1 είναι το hello4, το %2 είναι το "John Malkovic" γιατί είναι σε εισαγωγικά το θεωρεί ως τιμή για μια μεταβλητή και όχι ως δύο ξεχωριστές τιμές για δύο μεταβλητές. Αφού η εντολή shift μετακινεί προς τα αριστερά η τιμή του %1 γίνεται "John Malkovic" και το hello4 γίνεται για το %0, κατά συνέπεια όταν εκτυπώνει πίσω στον χρήστη με την εντολή echo Hello %1 επειδή η τιμή έχει ήδη αλλάξει εκτυπώνει Hello "John Malkovic" αντί Hello hello4.

```

@echo off
Set yourname=%1
Set var1=John
If /I %yourname%==%var1% (echo Welcome John!) else (echo Who are you?)
pause

```

C5:

```

@echo off
Set /p yourname="Enter Name: "
Set var1=John
If /I %yourname%==%var1% (echo Welcome John!) else (echo Who are you?)
C6: pause

```

```

@echo off
set /p yourname=What is your name?
set /p numbers=How many times?
for /L %%i in (1,1,%numbers%) do echo %yourname%
C7: pause

```

```

@echo off
set /p yourname=What is your name?
set /p numbers=How many times?

:repeat

if /I %numbers% GTR 10 (

for /L %%i in (1,1,10) do (
echo %yourname%
set /A number=%numbers%-1)

:qest

set /p answer=Do you want continue?(Y/N)

if /I %answer%==Y (goto repeat) else (goto secondif)

:secondif

if /I %answer%==N (goto finish ) else ( goto qest)

) else ( goto almost)

:almost
for /L %%i in (1,1,%number%) do echo %yourname%

:finish
C8: pause

```