MATERIA:

ARQUITECTURA DEL COMPUTADOR

SECCION:
01

ASIGNACIÓN-
Evidencia de
Comandos

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Comandos internos

1.DIR

2. COLOR

```
C:\Users\aleja>color b

C:\Users\aleja>color help
Sets the default console foreground and background colors.

COLOR [attr]

  attr        Specifies color attribute of console output

Color attributes are specified by TWO hex digits -- the first
corresponds to the background; the second the foreground.  Each digit
can be any of the following values:

    0 = Black       8 = Gray
    1 = Blue        9 = Light Blue
    2 = Green       A = Light Green
    3 = Aqua        B = Light Aqua
    4 = Red         C = Light Red
    5 = Purple      D = Light Purple
    6 = Yellow      E = Light Yellow
    7 = White       F = Bright White

If no argument is given, this command restores the color to what it was
when CMD.EXE started.  This value either comes from the current console
window, the /T command line switch or from the DefaultColor registry
value.

The COLOR command sets ERRORLEVEL to 1 if an attempt is made to execute
the COLOR command with a foreground and background color that are the
same.

Example: "COLOR fc" produces light red on bright white

C:\Users\aleja>
```
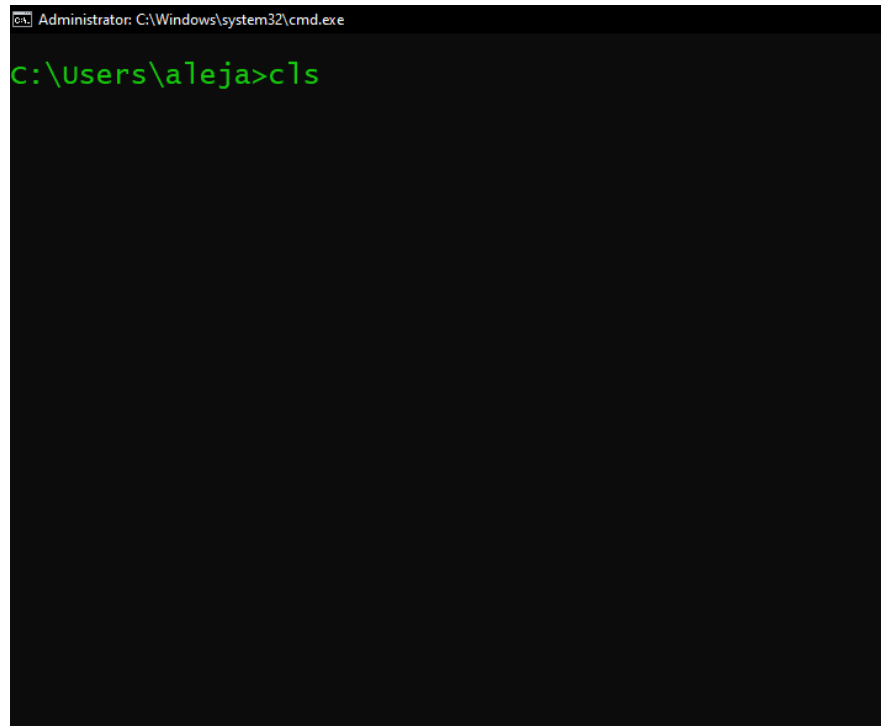
3.CLS

```
Administrator: C:\Windows\system32\cmd.exe

C:\Users\aleja>cls
```

4.echo

```
C:\Users\aleja\OneDrive\Desktop>echo hola
hola

C:\Users\aleja\OneDrive\Desktop>_
```

5.VER

```
C:\Users\aleja\OneDrive\Desktop>ver

Microsoft Windows [Version 10.0.18363.1256]

C:\Users\aleja\OneDrive\Desktop>
```

6.CD

```
Administrator: C:\Windows\system32\cmd.exe

C:\Users\aleja\OneDrive>cd Desktop

C:\Users\aleja\OneDrive\Desktop>_
```

7.MD

```
C:\Users\aleja\OneDrive\Desktop>md new_folder

C:\Users\aleja\OneDrive\Desktop>dir new_folder
 Volume in drive C has no label.
 Volume Serial Number is 1C4B-BDD7

 Directory of C:\Users\aleja\OneDrive\Desktop\new_folder

12/12/2020  11:52 p. m.    <DIR>          .
12/12/2020  11:52 p. m.    <DIR>          ..
               0 File(s)              0 bytes
               2 Dir(s)  337,638,154,240 bytes free

C:\Users\aleja\OneDrive\Desktop>cd new_folder

C:\Users\aleja\OneDrive\Desktop\new_folder>_
```

8.RMDIR

```
C:\Users\aleja\OneDrive\Desktop>rmdir new_folder

C:\Users\aleja\OneDrive\Desktop>dir new_folder
 Volume in drive C has no label.
 Volume Serial Number is 1C4B-BDD7

 Directory of C:\Users\aleja\OneDrive\Desktop

File Not Found

C:\Users\aleja\OneDrive\Desktop>cd new_folder
The system cannot find the path specified.

C:\Users\aleja\OneDrive\Desktop>
```

9.DEL

```
C:\Users\aleja\OneDrive\Desktop>echo hola > ejemplo.txt

C:\Users\aleja\OneDrive\Desktop>dir *.txt
 Volume in drive C has no label.
 Volume Serial Number is 1C4B-BDD7

 Directory of C:\Users\aleja\OneDrive\Desktop

12/12/2020  11:57 p. m.                      7 ejemplo.txt
28/11/2020  11:30 a. m.                    230 notas.txt
               2 File(s)            237 bytes
               0 Dir(s)  337,639,407,616 bytes free

C:\Users\aleja\OneDrive\Desktop>del ejemplo.txt

C:\Users\aleja\OneDrive\Desktop>dir *.txt
 Volume in drive C has no label.
 Volume Serial Number is 1C4B-BDD7

 Directory of C:\Users\aleja\OneDrive\Desktop

28/11/2020  11:30 a. m.                    230 notas.txt
               1 File(s)            230 bytes
               0 Dir(s)  337,639,407,616 bytes free
```

10.VOL

```
Administrator: C:\Windows\system32\cmd.exe

C:\Users\aleja\OneDrive\Desktop>vol
 Volume in drive C has no label.
 Volume Serial Number is 1C4B-BDD7

C:\Users\aleja\OneDrive\Desktop>_
```

11.RD

```
C:\Users\aleja\OneDrive\Desktop>md folder

C:\Users\aleja\OneDrive\Desktop>dir folder
 Volume in drive C has no label.
 Volume Serial Number is 1C4B-BDD7

 Directory of C:\Users\aleja\OneDrive\Desktop\folder

12/12/2020  11:59 p. m.    <DIR>          .
12/12/2020  11:59 p. m.    <DIR>          ..
               0 File(s)              0 bytes
               2 Dir(s)  337,644,429,312 bytes free

C:\Users\aleja\OneDrive\Desktop>rd folder

C:\Users\aleja\OneDrive\Desktop>dir folder
 Volume in drive C has no label.
 Volume Serial Number is 1C4B-BDD7

 Directory of C:\Users\aleja\OneDrive\Desktop

File Not Found

C:\Users\aleja\OneDrive\Desktop>_
```

12.Type

```
C:\Users\aleja>echo Esto es un ejemplo de texto > test.txt

C:\Users\aleja>type test.txt
Esto es un ejemplo de texto

C:\Users\aleja>_
```

13.DISKPART

```
C:\Users\aleja>diskpart

Microsoft DiskPart version 10.0.18362.1171

Copyright (C) Microsoft Corporation.
On computer: DESKTOP-VISTCTS

DISKPART>
```

14.FC

```
C:\Users\aleja\Desktop>echo ejemplo 1 > note1.txt && echo ejemplo 2 > note2.txt

C:\Users\aleja\Desktop>fc note1.txt note2.txt
Comparing files note1.txt and NOTE2.TXT
***** note1.txt
ejemplo 1
***** NOTE2.TXT
ejemplo 2
*****
```

15.PATH

```
C:\Users\aleja\Desktop>path
PATH=C:\Program Files (x86)\Common Files\Oracle\Java\javapath;C:\Windows\system32;C:\Windows;C:\Windows\System3
;C:\Program Files\Microsoft SQL Server\130\Tools\Binn\;C:\Program Files\Microsoft SQL Server\Client SDK\ODBC\17
 Files\NVIDIA Corporation\NVIDIA NvDLISR;C:\Users\aleja\bin\src;C:\Users\aleja\bin;C:\Program Files\Git\cmd;C:\
bin;C:\Program Files\PuTTY\;C:\Users\aleja\Android\flutter\bin;C:\Go\bin;C:\ProgramData\chocolatey\bin;C:\Progr
dejs\;C:\Program Files\IVI Foundation\VISA\Win64\Bin\;C:\Program Files (x86)\IVI Foundation\VISA\WinNT\Bin\;C:\
firma Fortress Desktop\;C:\Program Files (x86)\Microsoft SQL Server\150\DTS\Binn\;C:\Program Files (x86)\QuickT
s\aleja\OneDrive\Desktop\DESKTOP\Chromedriver;C:\Users\aleja\OneDrive\Desktop\DESKTOP\Tor Browser\Browser\TorBr
\Programs\Python\Python39\Scripts\;C:\Users\aleja\AppData\Local\Programs\Python\Python39\;C:\Users\aleja\AppDat
ams\Python\Python38-32\;C:\Users\aleja\AppData\Local\Programs\Python\Python38\Scripts\;C:\Users\aleja\AppData\L
32\Wbem;C:\Windows\System32\WindowsPowerShell\v1.0\;C:\Windows\System32\OpenSSH;C:\Program Files\dotnet\;C:\Pr
 Server\Client SDK\ODBC\170\Tools\Binn\;C:\Users\aleja\AppData\Local\Microsoft\WindowsApps;C:\Python34\Scripts;
a\Anaconda3\Library\bin\conda.bat;C:\ProgramData\Anaconda3\Scripts\conda.exe;C:\ProgramData\Anaconda3\condabin\
rosoft VS Code\bin;C:\Users\aleja\go\bin;C:\Users\aleja\.dotnet\tools;C:\xampp\mysql\bin;C:\Users\aleja\AppData
pm;C:\Program Files\MongoDB\Server\4.4\bin;C:\Users\aleja\.dotnet\tools;C:\Program Files (x86)\Vim\vim82;C:\Pro
```

Comandos externos

1.tree

2.HELP

```
Administrator: C:\Windows\system32\cmd.exe - cmd - cmd

C:\Users\aleja\Desktop>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.
```

3.CHKDSK

```
Administrator: C:\Windows\system32\cmd.exe - cmd - cmd - chkdsk

C:\Users\aleja\Desktop>chkdsk
The type of the file system is NTFS.

WARNING!  /F parameter not specified.
Running CHKDSK in read-only mode.

Stage 1: Examining basic file system structure ...
Progress: 17798 of 2954752 done; Stage:  0%; Total:  0%; ETA:   0:38:41 ...
```

4.LABEL

```
C:\Users\aleja\Desktop>label
Volume in drive C: has no label
Volume Serial Number is 1C4B-BDD7
Volume label (32 characters, ENTER for none)?
```

5.COMP

```
C:\Users\aleja\Desktop>help comp
Compares the contents of two files or sets of files.

COMP [data1] [data2] [/D] [/A] [/L] [/N=number] [/C] [/OFF[LINE]] [/M]

  data1      Specifies location and name(s) of first file(s) to compare.
  data2      Specifies location and name(s) of second files to compare.
  /D         Displays differences in decimal format.
  /A         Displays differences in ASCII characters.
  /L         Displays line numbers for differences.
  /N=number  Compares only the first specified number of lines in each file.
  /C         Disregards case of ASCII letters when comparing files.
  /OFF[LINE] Do not skip files with offline attribute set.
  /M         Do not prompt for compare more files.

To compare sets of files, use wildcards in data1 and data2 parameters.

C:\Users\aleja\Desktop>comp note1.txt note2.txt /L
Comparing note1.txt and note2.txt...
Files are different sizes.

Compare more files (Y/N) ? N
```

6.PRINT

```
C:\Users\aleja\Desktop>print note1.txt
Unable to initialize device PRN
```

7.TELNET

```
Administrator: C:\Windows\system32\cmd.exe - telnet
Welcome to Microsoft Telnet Client

Escape Character is 'CTRL+]'

Microsoft Telnet> _
```

8.FTP

```
C:\Users\aleja\Desktop>ftp
ftp> _
```

9.IPCONFIG

```
Administrator: C:\Windows\system32\cmd.exe

C:\Users\aleja>ipconfig

Windows IP Configuration


Ethernet adapter Ethernet:

   Media State . . . . . . . . . . . : Media disconnected
   Connection-specific DNS Suffix  . :

Ethernet adapter Ethernet 7:

   Connection-specific DNS Suffix  . :
   Link-local IPv6 Address . . . . . : fe80::19ce:8bb8:445e:2175%21
   IPv4 Address. . . . . . . . . . . : 192.168.77.1
   Subnet Mask . . . . . . . . . . . : 255.255.255.0
   Default Gateway . . . . . . . . . :

Ethernet adapter Ethernet 8:

   Connection-specific DNS Suffix  . :
   Link-local IPv6 Address . . . . . : fe80::95c5:933b:1052:60db%34
   IPv4 Address. . . . . . . . . . . : 192.168.80.2
   Subnet Mask . . . . . . . . . . . : 255.255.255.0
   Default Gateway . . . . . . . . . :

Ethernet adapter Ethernet 9:

   Connection-specific DNS Suffix  . :
   Link-local IPv6 Address . . . . . : fe80::25d7:a7d:80ef:74c%17
   IPv4 Address. . . . . . . . . . . : 192.168.56.1
   Subnet Mask . . . . . . . . . . . : 255.255.255.0
   Default Gateway . . . . . . . . . :

Unknown adapter Local Area Connection:

   Media State . . . . . . . . . . . : Media disconnected
   Connection-specific DNS Suffix  . :

Wireless LAN adapter Conexión de área local* 1:

   Media State . . . . . . . . . . . : Media disconnected
   Connection-specific DNS Suffix  . :

Wireless LAN adapter Conexión de área local* 2:
```

10.HOSTNAME

```
C:\Users\aleja>hostname
DESKTOP-VISTCTS

C:\Users\aleja>
```

Por Lotes En Ejecución

```
@echo off
 color 02
 :inicio
 echo %random% %random% %random% %random% %random% %random% %random% %random% %random% %random%
 goto inicio
```
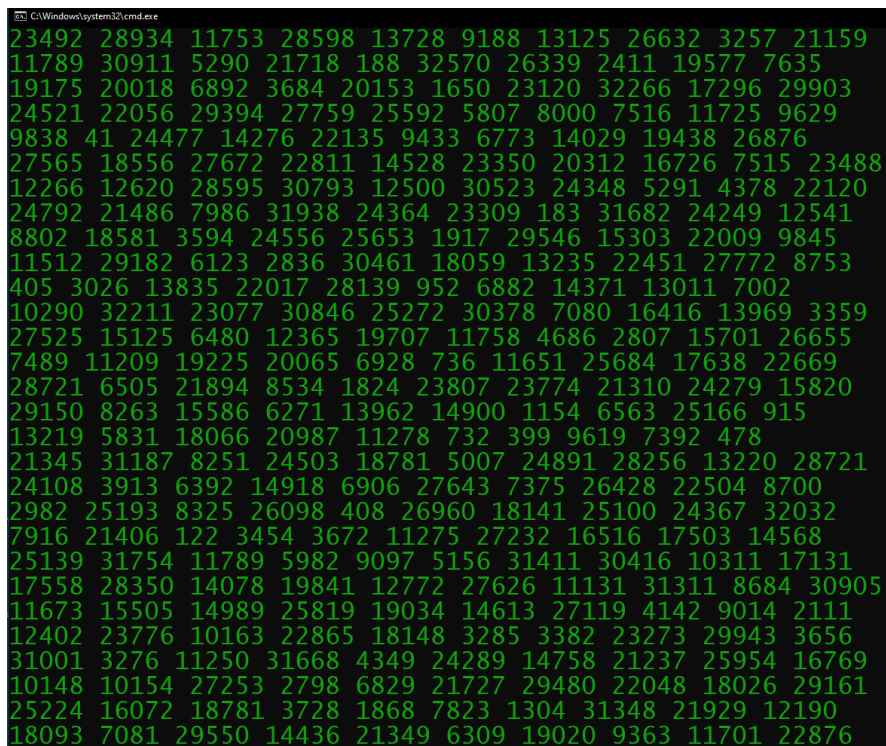
@echo off

 color 02

 :inicio

 echo %random% %random% %random% %random% %random% %random% %random% %random% %random% %random%

 goto inicio

```
C:\Windows\system32\cmd.exe
23492 28934 11753 28598 13728 9188 13125 26632 3257 21159
11789 30911 5290 21718 188 32570 26339 2411 19577 7635
19175 20018 6892 3684 20153 1650 23120 32266 17296 29903
24521 22056 29394 27759 25592 5807 8000 7516 11725 9629
9838 41 24477 14276 22135 9433 6773 14029 19438 26876
27565 18556 27672 22811 14528 23350 20312 16726 7515 23488
12266 12620 28595 30793 12500 30523 24348 5291 4378 22120
24792 21486 7986 31938 24364 23309 183 31682 24249 12541
8802 18581 3594 24556 25653 1917 29546 15303 22009 9845
11512 29182 6123 2836 30461 18059 13235 22451 27772 8753
405 3026 13835 22017 28139 952 6882 14371 13011 7002
10290 32211 23077 30846 25272 30378 7080 16416 13969 3359
27525 15125 6480 12365 19707 11758 4686 2807 15701 26655
7489 11209 19225 20065 6928 736 11651 25684 17638 22669
28721 6505 21894 8534 1824 23807 23774 21310 24279 15820
29150 8263 15586 6271 13962 14900 1154 6563 25166 915
13219 5831 18066 20987 11278 732 399 9619 7392 478
21345 31187 8251 24503 18781 5007 24891 28256 13220 28721
24108 3913 6392 14918 6906 27643 7375 26428 22504 8700
2982 25193 8325 26098 408 26960 18141 25100 24367 32032
7916 21406 122 3454 3672 11275 27232 16516 17503 14568
25139 31754 11789 5982 9097 5156 31411 30416 10311 17131
17558 28350 14078 19841 12772 27626 11131 31311 8684 30905
11673 15505 14989 25819 19034 14613 27119 4142 9014 2111
12402 23776 10163 22865 18148 3285 3382 23273 29943 3656
31001 3276 11250 31668 4349 24289 14758 21237 25954 16769
10148 10154 27253 2798 6829 21727 29480 22048 18026 29161
25224 16072 18781 3728 1868 7823 1304 31348 21929 12190
18093 7081 29550 14436 21349 6309 19020 9363 11701 22876
```