### N MICROT ICROTE **Disk Operating System (MS-DOS)**

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DISK OPERATING SYSTEM (DOS) is system software, which is closely associated with the computer hardware and provides the interface between the user and resources of the computer. As DOS was written by Microsoft Corporation, usually it is called MS-DOS.

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#### What Is A Command (DOS) Prompt?

The command prompt is the command-line interface in Windows. When using the command prompt, you control the computer by entering text commands to open the command prompt:

## To Run Command Prompt (DOS)

Start Button  $\rightarrow$  cmd $\rightarrow$ Run As administrator  $\rightarrow$  click

A black box will open with white text at the top.

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C:\WINDOWS\system32>\_

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Microsoft Windows [Version 10.0.19043.1706] (c) Microsoft Corporation. All rights reserved.

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Administrator: Command Prompt

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## CROTECH ECH What is DOS Commands?

DOS Commands are those commands that are loaded automatically in the memory when the DOS is loaded on the Memory during the booting process. ON MICRO VISION N

## DOS Commands

# VER COMMAND

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ON MICRO If you want to see your Windows Operating system then you can see the version VISION MICR information by the VER command. Follow the syntax and example are below-

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Syntax-

D:\>ver

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#### **DATE COMMAND**

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The Date command is used to view the system's current date. if you want to modify the date then you can easily do it from the date command.

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VISIC ROTECH VISION Syntax-ON MICROTECH D:\> date ECH VISION ISION MICRI VISION Example SION MICR CH D:\>date The current date is: 01/04/2021 ISION Enter the new date: (dd-mm-yy) 31/03/2022 TIME COMMAND

The time command is used to view the system's current time. if you want to modify the time then you can easily do it from the time command.

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Syntax-

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D:\>time

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ISION MICRO VISION Example-D:\>time The current time is: 23:23:27.63 VISION MICRO Enter the new time: 23:25:50.43

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## DIR COMMAND SION MICROTECH

The DIR command is useful if you want to know what directories have been created on the specified disk. The directories will be displayed along with the files VISION MICR VISION on the disk. MICR ION MICRO MICROT

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Syntax-

D:\>dir

## MICROTECH MICRO DIR/P COMMAND (Display Pagewise)

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/P - Pauses when the screen is full. Press any key to display another screen full of data. VIS

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D:\>dir/p

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Volume in drive D has no label. Volume Serial Number is FE5A-F5C1 Directory of D:\ 28-12-2022 10:00 <DIR> AARTI YADAV(DCA-31-OCT) 28-12-2022 10:00 AAYUSHI CHAND(C-DAC-1Y-2H-3-JUNE-22) <DIR> 26-12-2022 09:47 <DIR> abhilasha 28-12-2022 10:00 <DIR> AFREEN(DCA-31-OCT) 28-12-2022 10:00 <DIR> ajit AKASH NEGI(C-DAC-1Y-20-SEP-22) 28-12-2022 10:00 <DIR> 28-12-2022 10:00 <DIR> akshita gusain 28-12-2022 10:00 <DIR> akshita upreti(cdac-1y-15-nov-2022) 10-11-2022 16:36 <DIR> AMAN BHATT(DCA-9-SEP-22) 28-12-2022 10:00 <DIR> AMAN KARKI(CST-8-NOV) AMAN RAWAT(DCA-12-SEP-22) 28-12-2022 10:00 <DIR> 08-11-2022 AMEESHA GOSAIN(DCA-2-MAY-22) 17:29 <DIR> 28-12-2022 10:00 <DIR> amit goswami 28-12-2022 10:00 <DIR> ANCHAL SACHDEVA(C-DAC-6-M-140CT) 28-12-2022 10:00 <DIR> Anjali Palni(DCA 26-08-2022 12M) 28-12-2022 10:00 <DIR> anjali(DCA) 28-12-2022 10:00 <DIR> anshika aswal 28-12-2022 apurva thakur 10:00 <DIR> 28-12-2022 10:00 <DIR> ashish ECH VISION MICI Press any key to continue

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### DIR/W COMMAND (Display widthwise)

/W - Displays only filenames and directory names (without the added information about each file). ISI

Synatx<sup>.</sup>

D:\>dir/w

#### Administrator: Com D:\>DIR/W

Volume in drive D has no label. Volume Serial Number is FE5A-F5C1

Directory of D:\

[AARTI YADAV(DCA-31-OCT)] [abhilasha] [ajit] [akshita gusain] [AMAN BHATT(DCA-9-SEP-22)] [AMAN RAWAT(DCA-12-SEP-22)] [amit goswami] [Anjali Palni(DCA 26-08-2022 12M)] [anshika aswal] ashish] [ashish nautiyal] ashishkumar] [ASTHA BARTHWAL(C-DAC-1Y-1-NOV-22)] Book2.xlsx [Dikshant Vyas (CDAC 8 M)] [du] [GAYATRI CHAUHAN(DBC-9-JULY-22)] [HARI MOHAN]

```
[AAYUSHI CHAND(C-DAC-1Y-2H-3-JUNE-22)]
[AFREEN(DCA-31-OCT)]
[AKASH NEGI(C-DAC-1Y-20-SEP-22)]
[akshita upreti(cdac-1y-15-nov-2022)]
[AMAN KARKI(CST-8-NOV)]
[AMEESHA GOSAIN(DCA-2-MAY-22)]
[ANCHAL SACHDEVA(C-DAC-6-M-140CT)]
[anjali(DCA)]
[apurva thakur]
[ASHISH MUDILA(DCA-8-JULY-22)]
[ASHISH(DCA 1Y)]
[ASHWINI TOMAR##]
[Atul Rawat(C-DAC -8 Months PROGRAMMING)]
[deepakkandari]
[DISHA RATHORE(C-DAC -6M-1-NOV-22)]
[DURGA RAWAT(C-DAC-6M-13-NOV-22)]
[GULAB SINGH(C-DAC-18-NOV-22)]
[HARSH THAPA(C-DAC-1Y-9-SEP-22)]
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#### **CLS COMMAND (Clear)**

CLS is one of the internal DOS commands that is used to clear the DOS screen. If you can clear whatever commands you ran on the screen through the CLS command.

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Syntax-

D:\>cls

COPY CON commented COPY CON command is used to basically create a file. The only disadvantage of the command is that the created by COPY CON command cannot be modified.

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D:\>copy con (file name with extension) VISION MICRO VISION MICROT ISION MICROTECH

Example-

D:\>copy con computer.txt

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Press Ctrl+Z (To save a file)

#### **TYPE COMMAND**

MICROT Type command is used to view the content of any file. If you want to see what is VISION MICRO saved in that file then you can see by type command. VISION

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VISION MICROTECH VISION MICRO inston MicRottech VISION MICROTECH Syntax-D:\> > TYPE <file name> ALAMCROTECH VISION MICROTECH EXAMPLE-CONTECH VISION MICROTECH

D:\> type computer.txt

ISION MICI IN MICROTE CROTECH A Computer is an electronic device which can performs Arithmetic and Logical ISION MI IN MICROTECH **COPY COMMAND** CROTECH

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The COPY command is used to copy the file and move the file to another location VISION MICR VISION CROTE or folder or drive. MICRO CH

ECH یہوس Name> D:\> Copy computer.txt calculator.txt Syntax2-Syntax1-TECH VISION MICROT <Path Target Drive>

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E:\>type calculator.txt VISION MICROTECH VISION MICROTECH H VISION MIC

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ON MICROTECH VIDICI MICROTECH VISION MIL STECH VISION MICRO A REN command is basically used to change the name of an existing file or directory.

MicRotech VISION MICROTECH VISION D:\> REN <Old File Name> <New File Name> Example-D:\> REN computer forf CH VISIO MCROTECH VISION MICROTECH VISI DEL COMMAND CH VISION MICROTECH disk. Alaon Machine Alaon Mach

CH VISION MICROTECH VISION MICROTECH VISION MICROTECH VISION MICROTECH Werner Miller CH VISION MICROTECH

### ON MICROT ICROT **MD COMMAND (Make Directory)**

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MD command is used to create a new directory or subdirectory in the Disk.

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CROTECH VISION MICRG Syntax-D:\>md <directory name> Example-MICRO D: > md kapil

## ECH VISION MICRO VISION MICROTI ON MICROTECH **CD COMMAND (Change Directory)**

CD is command used to change the directory (to insider or come out). If you want to go from one directory to another, then you can go with the CD command.

VISION MICROTECH VISION MICR n also type -D:\>cd <Directory name> Example-D:\>cd kapil D:\kapil>

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You can also type cd .. (the two dots are required) to back out one level out of the current directory. ECH VISI CROTECH VISION JICION MICROTE current directory.

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RD command is use 'isk. Only an e RD command is used to remove a particular directory or subdirectory from the disk. Only an empty directory or subdirectory can remove. Wangon Microffect Vision Microffect Vision Microffect disk. Only an empty directory or subdirectory can remove. A MERCINA MICROTECH WORK MICROTECH WISION MICROTECH

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### VISION MICI ON MICRO **Example Create Structure**

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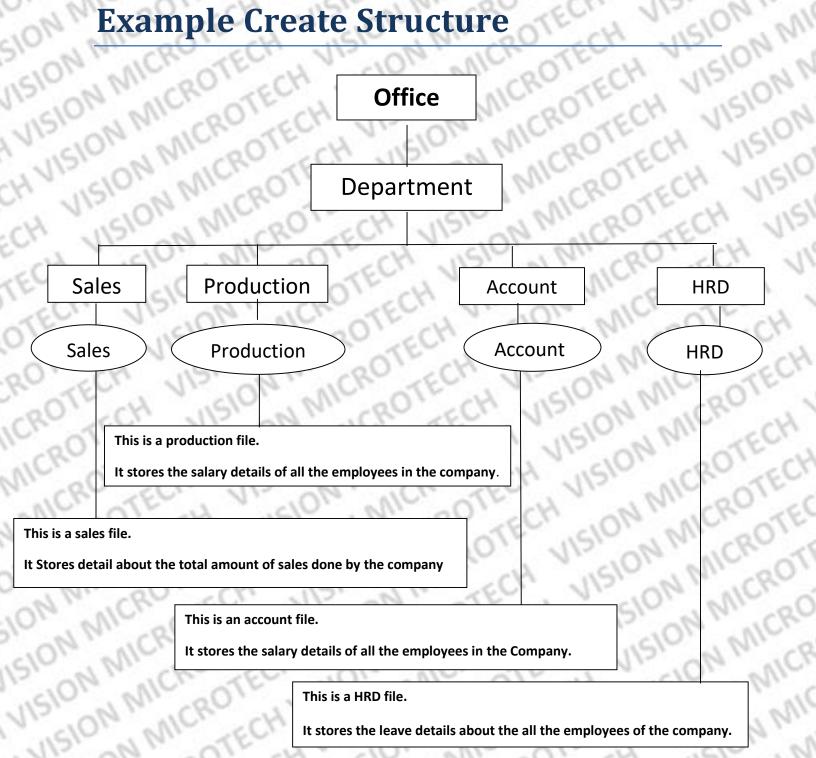
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It stores the leave details about the all the employees of the company. NI AMCROTECH VISION MICR IIGION MICROTECH VISION

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#### To Create above Structure command

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C:\Windows\system32>D:

D:\>md office

D:\>cd office

D:\office>md department

D:\office>cd department

D:\office\department>md sales production account hrd

D:\office\department>cd sales

D:\office\department\sales>copy con sales this is a sales file^Z 1 file(s) copied.

D:\office\department\sales>cd..

D:\office\department>cd production

D:\office\department\production>copy con production this is a production files^Z 1 file(s) copied.

D:\office\department\production>cd..

D:\office\department>cd account

D:\office\department\account>copy con account this is account file^Z 1 file(s) copied.

D:\office\department\account>cd.

D:\office\department>cd hrd

D:\office\department\hrd>copy con hrd this is hrd files^Z 1 file(s) copied.

D:\office\department\hrd>cd\

D:\> Tree Command

Tree command used to display the sub directory and files in the tree structure.

D:/> tree

to show current working directory sub-directories as tree.

#### D:/> tree Office

to show specific directory's sub-directories as tree.

#### D:/> tree/f Office

to show specific directory's sub-directories as **TREE/F** option also includes files of the sub-directory.

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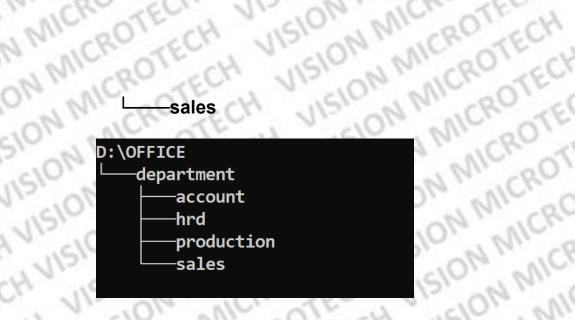
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D:\>tree office Folder PATH listing Volume serial number is 0000009E 4EE1:4C63 D:\OFFICE department account

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---production



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TREE/F office Folder PATH listing Volume serial number is 000000E6 4EE1:4C63 D:\OFFICE department account account hrd hrd hrd production -v3 hrd -production production sales tion microsoftech vision microotech vision vision microotech visio VISION MICROTECH VISION MICROTECH VISION MICROTECH A VISION MICROTECH VISI A MERCINA MARCONTECH WORK MARCH WISION MICROTECH Multicon Micron CH VISION MICROTECH VISION MICROTECH VISION MICROTECH En vision microtech vision microtech vision microtech

<pre>D:\&gt;tree/f office Folder PATH listing Volume serial number is 00000082 4EE1:4C63 D:\OFFICE department account account hrd hrd production production sales sales</pre>	10N 10 1510N
Volume serial number is 00000082 4EE1:4C63 D:\OFFICE department account account hrd hrd production production sales sales	15101
Volume serial number is 00000082 4EE1:4C63 D:\OFFICE department account account hrd hrd production production sales sales	11510
D: \OFFICE department account account hrd hrd production production sales sales	112.
<pre>hrd hrd production production </pre>	VISI
<pre>hrd hrd production production </pre>	11.
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#### To Remove above Structure command

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MICRO D:\>cd office D:\office>cd department D:\office\department>cd account D:\office\department\account>del account D:\office\department\account>cd. D:\office\department>rd account D:\office\department>cd hrd FECH D:\office\department\hrd>del hrd D:\office\department\hrd>cd.. D:\office\department>rd hrd D:\office\department>cd production D:\office\department\production>del production D:\office\department\production>cd.. D:\office\department>rd production D:\office\department>cd sales D:\office\department\sales>del sales MICRO D:\office\department\sales>cd.. D:\office\department>rd sales VISION D:\office\department>cd.

....e D:\>tree/f office Folder PATH listing Volume serial number is 00000096 4EE1:4C63 D:\OFFICE Invalid path - \OFFICE No subfolders exist D:\> ی dEE1:4C63 د.st COLOR COMMAND The COLOR command is ۰۰

HJ TO	mand is used to change the default co	olor of the background.
The color att	butes are as follow-	ECH SION MIC
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0- Black		
1- Blue	IN VISIONIN TEL	NI VISION
2-Green	CH JIST JCR ST	ECU AD. ON.
3-Aqua	ELH NINGBOI	CCM VISION
4- Red	TEC ISION MIL 20	The chi usion
5- Purple	NAND 1010 MICH	OTE CH USIO
6- Yellow	EC, VIS. ON MICH	STECH VIS
7- White	TECH VISION NO	RO ECH VIS
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Syntax-	ROTECH VISION NIN	IL OTECH
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D:\>color (attribute)

Jur 7 chottech vision manual vision and a second se Example-D:\--D:\>color 7

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BATCH FILE Natch file is a sr A batch file is a script file that stores commands to be executed in a serial order. How to create a Batch File-ی a serial order. یar.bat Cls Ctrl+Z (for saving the batch file) Run Batch File C;>cle .ie)

sar Example2: D<sup>1</sup>

A VISION MILLER VISION MILLER VISION MILLER

Dir/p

Ctrl+Z (for saving the batch file)

## UISION N C:\>list

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Example3: MCROTECH VISION MICROTECH VISION MICROTECH TECH VISION MICROTECH VISION MICRO ECH VISION MICROTECH Create batch file create.bat for create a structure D:\>copy con create.bat md office cd office ...id department cd department md sales pror<sup>1,</sup> d s~' Inent cd department md sales production account hrd cd sales opy con sales

alles . ard . d.: cd production copy con prr cd - production copy con production cd.. cd accourt ...oduction .... cd account copy con arr La account

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tree/f office -/f office Example 4 Create batո ..ce Example 4 Create batch file remove.bat for remove a complete structure vd office l department account vcount rd account cd hrd del hrd a hrd del hrd cd. rd F Manual Vision Microotech Vision Microotech A hrd cd production del production -a production del production VISION MICROTECH VISION MICROTECH Warman Mill Portech VISION MICROTECH HVISIO Ju Jel produk cd..

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rd sales cd. rd \* دd.. rd department cd.. ...ment cd.. office tree/f office Annual contects vision michore and a second and and a second and a sec www.wireen vision microneen vision MICROTECH VISION MICROTECH VISION MICROTECH VISIO VISION MICROTECH VISION A VISION MICROTECH VISI

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