CHRISTIAN EMINENT COLLEGE, INDORE

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E-Contents
On

"DOS commands "

Prepared By: Prof. Rajesh Kumar Kharche

Department of Computer Science & Electronics

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Instruction = set of code to perform a task

C= a+b (instruction)

Add the value of a with value of b and put the result in C.

Program = Collection of instructions .

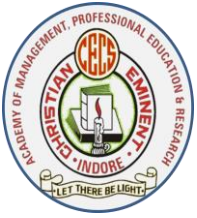Software = collection of programs.

Software

1.Application software

2.System software

DOS   :DisK Operating System

MicroSoft company created . sold to IBM again bought from IBM.

1982 Bill gates

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Command User Interface (CUI) vs Graphical User interface (GUI)

DOS file

1. Command.com –(shell) it contain DOS commands.command interpreter. Which understand what user wants .it simplify the command and pass to the kernel .
2. IO.Sys : input output device driver
3. Autoexe.bat : automatically run
4. MSDOS.sys : kernel
5. Config.sys : device driver load and dos load

Cold booting, warm booting = ctrl + alt + del

.com—command , .sys – system , .bat – batch , .exe- executable

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DOS –Directory Windows – Folder , are the same

C:\> md rajesh

C:\> rd rajesh

C:\> rename   rajesh ajay

User

Shell (command.com)

Kernel (msdos.sys)

hardware

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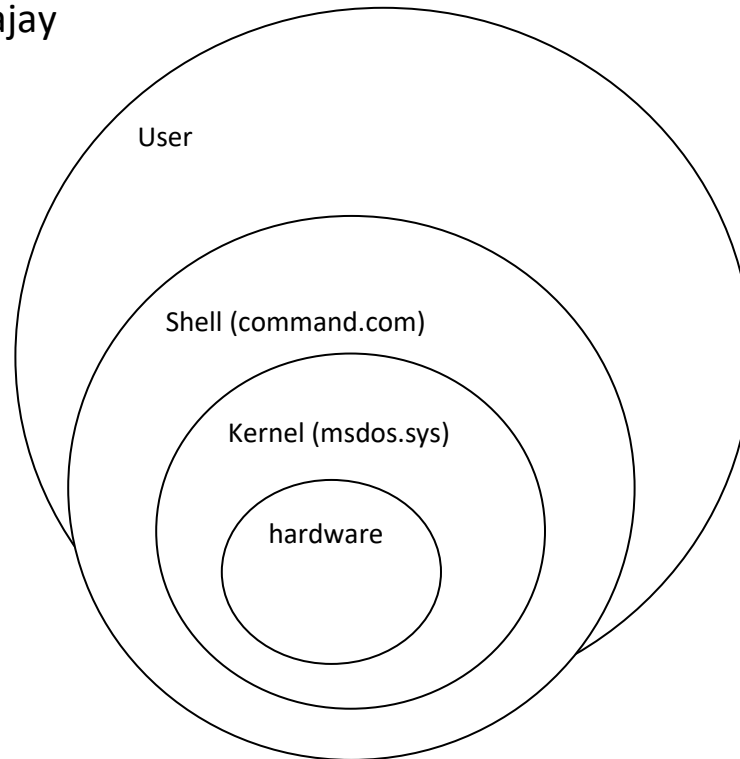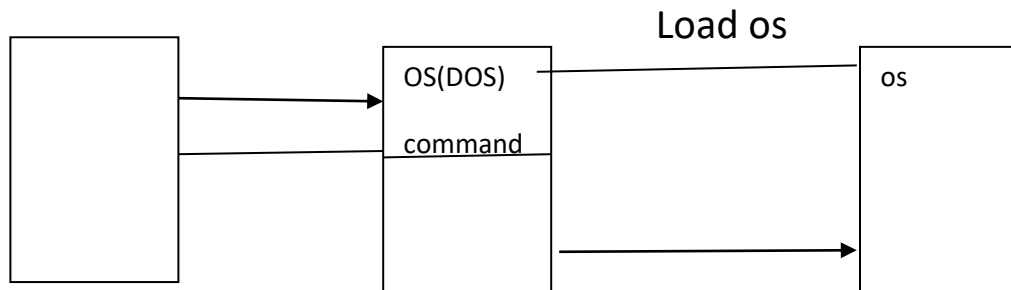*An Autonomous Institution Accredited with 'A' Grade by NAAC*

DOS commands

1.Internal DOS commands; DIR, MD, rd, del, rename, copy, cd,date , time , type

2. External DOS commands : format , path , fdisk, diskcopy , diskcomp, deltree , xcopy ,edit
,

Load os

| | OS(DOS) | os |
| | command | |

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CPU   RAM Primary /main   Secondary

DOS = Directory   Windows = Folder

Start button→ All programs -→Accessories → Command prompt

DOS prompt will be appear

1.MD stand for Make Directory . md is used to create a directory .

C:\> md siddarth

C;\> md bbafirst

Siddarth and bbafirst directory will be created .

2**. Rename command is used to rename the old file name to new name .**

C:\> rename   siddarth(old name)   sakshi (new name)

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3.Rd stand for Remove Directory .

C:\> rd sakshi

Saksi directory will be removed or deleted .

4. Copy command is used to copy and paste the file .

C;\> copy dos   F:\online class\bca   dos

C:\> copy bcom abc

C:\> copy bcom d:\

 C:\> copy bcom   d:\ class\ bcom

C:\> copy *.jpg d:\

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CD: Command for drive change

C:\> F:

5.Cd Change Directory .

F:\> cd photos

Directory to display files and folder

F:\photos> dir

C;\> D:

D:\> dir

CD stand for change directory

D;\> cd movie

D:\movie> dir

D:\movie> cd..   D:\>

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Copy con command is used for creating a file .

C;\> copy con name.txt

Ajay   name of the file

Tanu

Riya

Snea

,raul

For saving file = Ctl+z = file save

Type: command is used to see the contents of the file .

C:\> type   name.txt

Ajay

Tanu

Riya

Snea

,raul

Del stand for Delete . it is used to delete the file .

C:\> del   name.txt

Name.txt file will be deleted .

RD stand for remove directory .

C:\> rd   BBA(BBA directory will be deleted .)

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Wild card characters

1. ? Question mark- for single character
2. * (asterisks)- for more than one characters .

MS Word file extension → .doc ,

MS PowerPoint file extension→.ppt,

MS Excel   file extension→ .xls ,

Text file extension → .txt

.jpg – photos

C;\> del *.jpg

C:\>del *.mkv

C:\>del *.mp4

C:\>del *.doc

C:\>del   n*.doc

C:\>del   *t.doc

C;\> copy con sita.txt

C;\> copy con gita.txt

C;\> copy con mita.txt

C;\> del   ?ita.txt

C;\> del   ??ta.txt

Dir command is used to display files and folders.

C:\> dir

C:\> dir *.doc

25-11-2020	12:23: 45	name.doc
25-11-2020	12:23: 45	biodata.doc

25-11-2020	12:23: 45	list .doc

C:\> dir *.jpg

C:\> dir *.txt

25-11-2020	12:23: 45	sita.txt
25-11-2020	12:23: 45	gita.txt
25-11-2020	12:23: 45	mita.txt

Dir command is used to display files and folders in a pagewise

C:\> dir/p

Dir command is used to display files and folders in a widthwise

C:\> dir/w

Width	Width	Width	Width	Width
Width	Width	Width	Width	Width

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Width	Width	Width	Width	Width
Width	Width	Width	Width	Width
Width	Width	Width	Width	Width
Width	Width	Width	Width	Width

C:\> md a

C:\> md b

C:\> md c

C:\>tree

c

a

b

c

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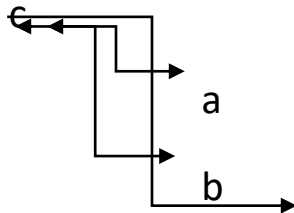*An Autonomous Institution Accredited with 'A' Grade by NAAC*

chkdsk check disk command to check how many spaces are used and unused. \

D;\> chkdsk

11888188   bytes use

84545874599   bytes free

 D:\>chkdsk

11888188 bytes used space

84545874599 bytes free space

Diskcomp means disk compare . compare the two floppy disk whether they are same or not .

D:\>diskcomp d: f:

Fdisk command is used to partition the harddisk .

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C:\>fdisk

C:\>format

d:\>xcopy movie c:\

D:\> cd movie

D:\movie>

D:\movie> dir

D:\movie> cd..

Single dot   (.) denote current directory

Double dots (..) denote parent directory

D:\>

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File attributes : Unix: chmod

1.read only – you can read only can not write .

2. Hidden : you can hide the file in order to anyone can not seen.

3.Archive :

4.System:

+ r

R   : read only

H   :   hidden file

A :   archive

+ r : set the file attribute is read only .No one can write on the file . He can read only .

- r : remove the file attribute from read only .any one can write on the file .

+h   : set hidden

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-H : unhide file

+a : set archive

-a : remove archive file

C:\> attrib +r name.txt

C:\> attrib -r   name.txt

C:\> attrib +h   name.txt

C:\> attrib -h   name.txt

C:\> attrib +a   name.txt

C:\> attrib -a   name.txt

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Copy con command is used to create a file .there is space between copy and con.

C;\> copy con name.txt

Ajay   name of the file

Tanu

Riya

Snea

rahul

For saving file = Ctl+z = file save

Type command is used to see the contents of the file .

C;\> type   name.txt

Ajay

Tanu

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Riya

Snea

Rahul

Edit command is used to changes or add and remove the contents .

C:\> edit   name.txt

File   name.txt

Ajay

Riya

Snea

Rahul

~~suraj~~

File -> save

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File→ exit

C;\> type   name.txt

Ajay

Riya

Snea

Rahul

Suraj

C:\> sort   name.txt

Ajay

Rahul

Riya

Snea

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Suraj

C;\> type   name.txt

Ajay

Riya

Snea

Rahul

Suraj

>   redirection

C:\> sort   name.txt > namesort.txt

C:\> type namesort.txt

Ajay

Rahul

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Riya

Snea

Suraj

Creating batch file

C:\> copy con commandlist.bat

Dir

Md rajesh

Tree

Type a.txt

Ctrl+z

C;\> commandlist.bat

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All the commands are run or execute automatically one by one in commandlist.bat file. Since it is a batch file .

Unix is a command user interface (CUI) , multiuser operating while DOS is CUI ,single user OS.

is a command prompt.

C:\> md rajesh

mkdir rajesh

mkdir rajesh , tanu, vishal

C:\> dir

ls