

**Nama : Khoirul Aziz**

**Npm : 1194019**

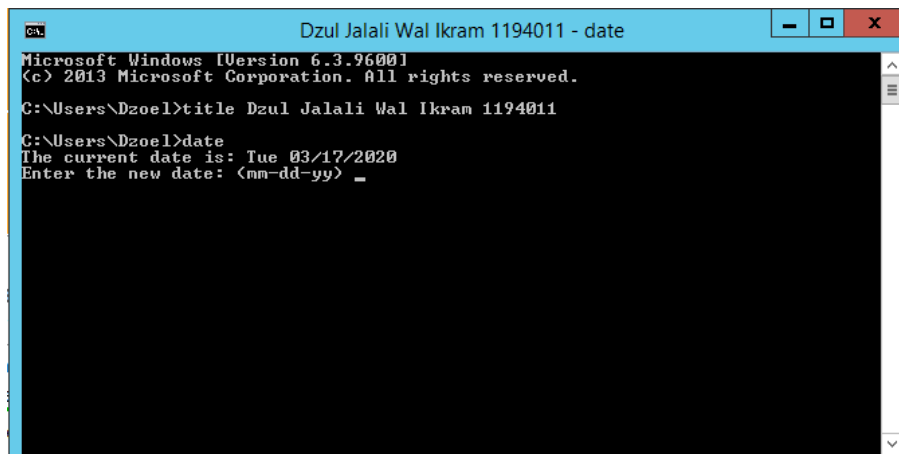
## **Tugas Modul 1**

**Title**, Untuk membuat judul.



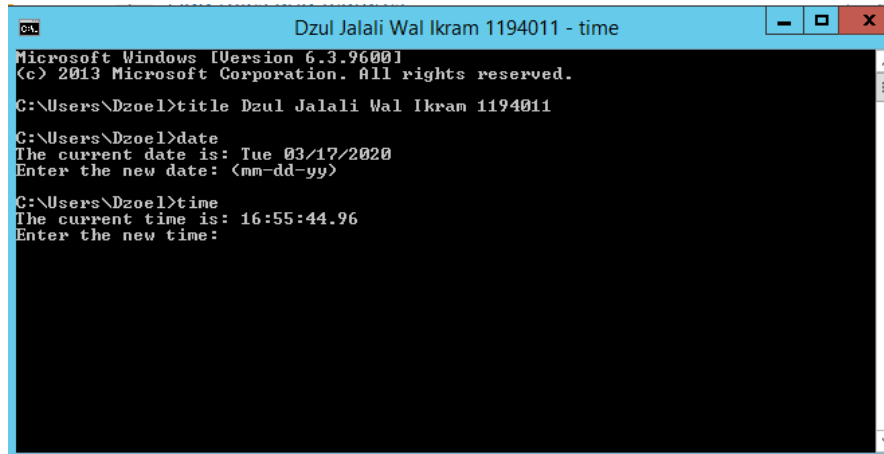
```
C:\Users\Dzoel>title Dzul Jalali Wal Ikram 1194011
C:\Users\Dzoel>
```

**Date**, menampilkan tanggal



```
C:\Users\Dzoel>title Dzul Jalali Wal Ikram 1194011
C:\Users\Dzoel>date
The current date is: Tue 03/17/2020
Enter the new date: <mm-dd-yy> _
```

**Time**, menampilkan Waktu



```
Microsoft Windows [Version 6.3.9600]
(c) 2013 Microsoft Corporation. All rights reserved.

C:\Users\Dzoel>title Dzul Jalali Wal Ikram 1194011

C:\Users\Dzoel>date
The current date is: Tue 03/17/2020
Enter the new date: <mm-dd-yy>

C:\Users\Dzoel>time
The current time is: 16:55:44.96
Enter the new time:
```

**Vol** , Menampilkan detail volume.

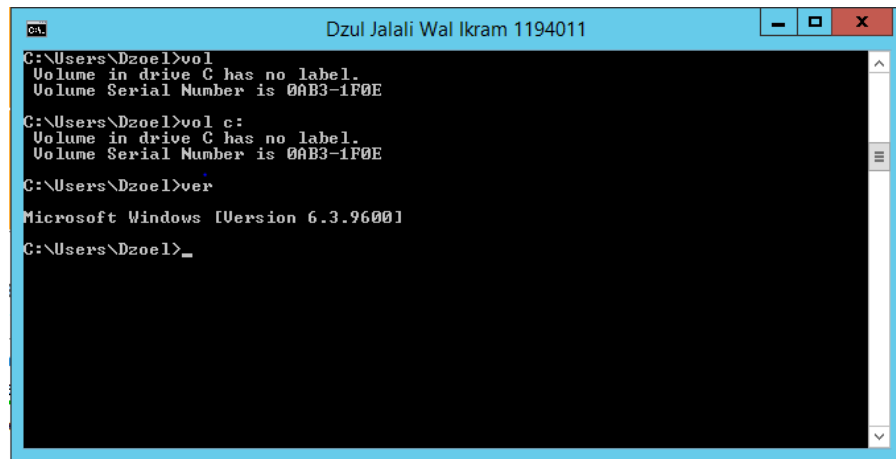


```
C:\Users\Dzoel>
C:\Users\Dzoel>
C:\Users\Dzoel>
C:\Users\Dzoel>
C:\Users\Dzoel>
C:\Users\Dzoel>
C:\Users\Dzoel>
C:\Users\Dzoel>
C:\Users\Dzoel>
C:\Users\Dzoel>
C:\Users\Dzoel>
C:\Users\Dzoel>
C:\Users\Dzoel>
C:\Users\Dzoel>
C:\Users\Dzoel>
C:\Users\Dzoel>
C:\Users\Dzoel>
C:\Users\Dzoel>
C:\Users\Dzoel>vol
Volume in drive C has no label.
Volume Serial Number is 0AB3-1F0E

C:\Users\Dzoel>vol c:
Volume in drive C has no label.
Volume Serial Number is 0AB3-1F0E

C:\Users\Dzoel>
```

**Ver**, menampilkan versi windows.



```
C:\Users\Dzoel>vol
Volume in drive C has no label.
Volume Serial Number is 0AB3-1F0E

C:\Users\Dzoel>vol c:
Volume in drive C has no label.
Volume Serial Number is 0AB3-1F0E

C:\Users\Dzoel>ver
Microsoft Windows [Version 6.3.9600]

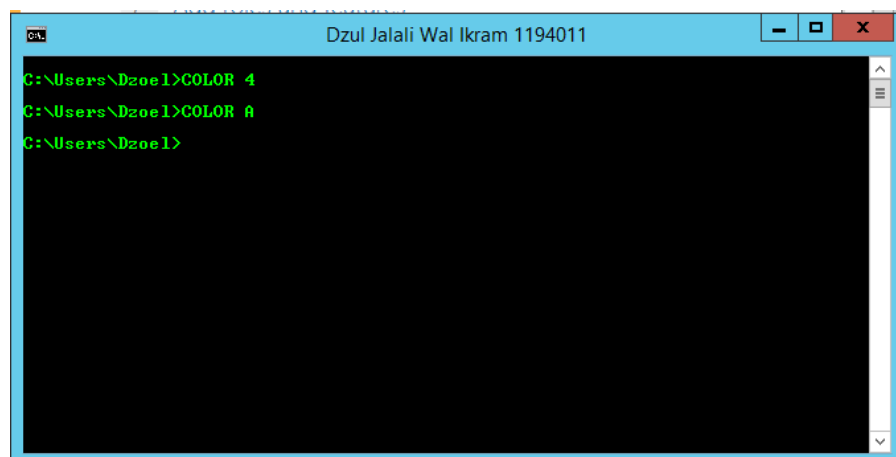
C:\Users\Dzoel>
```

**Cls**, membersihkan/menghilangkan semua command pada cmd.



```
C:\Users\Dzoel>
```

**Color[attr]**, Untuk merubah warna pada tulisan didalam CMD.



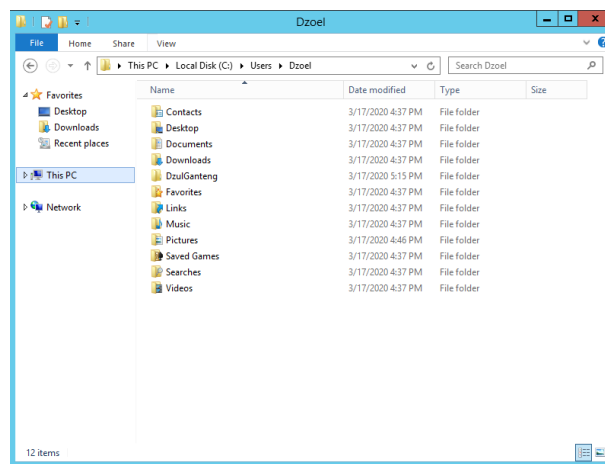
```
C:\Users\Dzoel>COLOR 4
C:\Users\Dzoel>COLOR A
C:\Users\Dzoel>
```

Perintah-perintah untuk management file :

**Md**, untuk Membuat folder directory.

```
C:\Users\Dzoel>COLOR 4
C:\Users\Dzoel>COLOR A
C:\Users\Dzoel>c:
C:\Users\Dzoel>Md DzulGanteng
C:\Users\Dzoel>C:
C:\Users\Dzoel>Md DzulGanteng
A subdirectory or file DzulGanteng already exists.
C:\Users\Dzoel>
```

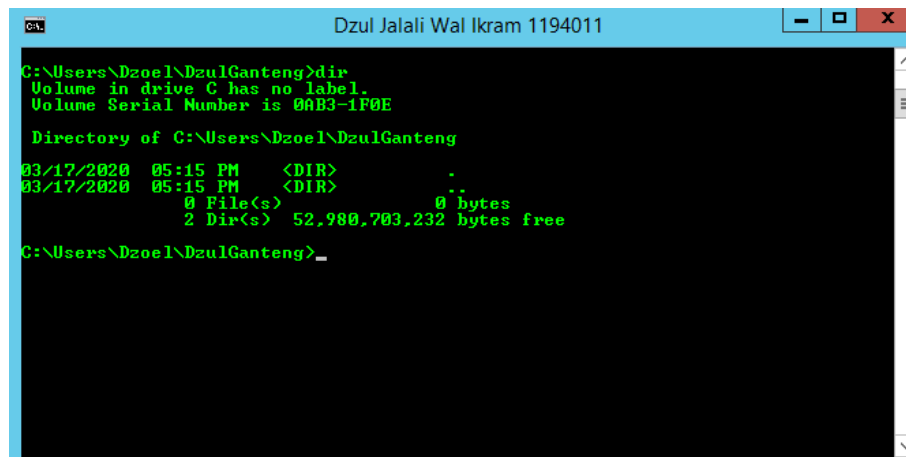
Jadi seperti ini



**Cd**, Untuk merubah,masuk atau keluar direktori.

```
C:\Users\Dzoel>COLOR 4
C:\Users\Dzoel>COLOR A
C:\Users\Dzoel>c:
C:\Users\Dzoel>Md DzulGanteng
C:\Users\Dzoel>C:
C:\Users\Dzoel>Md DzulGanteng
A subdirectory or file DzulGanteng already exists.
C:\Users\Dzoel>cd DzulGanteng
C:\Users\Dzoel>C:\Users\Dzoel>DzulGanteng>
```

**Dir**, Menampilkan detail direktori.



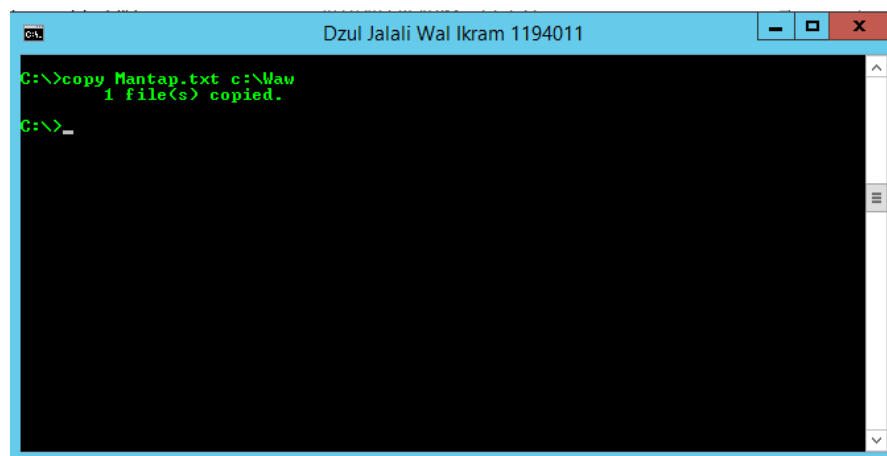
```
C:\Users\Dzoel\DzulGanteng>dir
Volume in drive C has no label.
Volume Serial Number is 0AB3-1F0E

Directory of C:\Users\Dzoel\DzulGanteng

03/17/2020  05:15 PM    <DIR>          .
03/17/2020  05:15 PM    <DIR>          ..
               0 File(s)              0 bytes
               2 Dir(s)  52,980,703,232 bytes free

C:\Users\Dzoel\DzulGanteng>
```

**Copy**[source] [destination], Menyalin file pada folder.



```
C:\>copy Mantap.txt c:\Maw
1 file(s) copied.

C:\>
```

**Del**[file], Menghapus file atau folder.



```
C:\>copy Mantap.txt c:\Maw
1 file(s) copied.

C:\>del Mantap.txt

C:\>
```

**Erase**[file], Sama seperti Del yang bertujuan untuk menghapus file/folder.

```
C:\>copy Mantap.txt c:\Waw
1 file(s) copied.

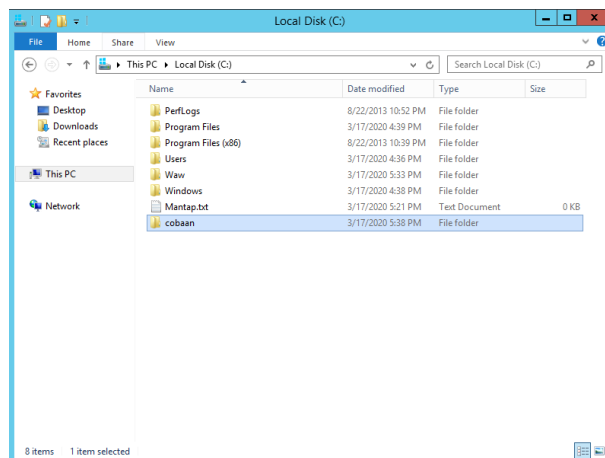
C:\>del Mantap.txt

C:\>Erase Mantap.txt
C:\Mantap.txt
Access is denied.

C:\>
```

**Rd[folder]**, Untuk Menghapus folder atau direktori.

Sebelum



```
C:\>copy Mantap.txt c:\Waw
1 file(s) copied.

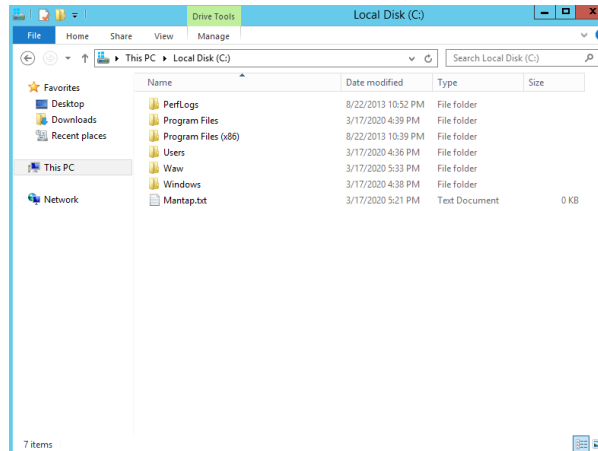
C:\>del Mantap.txt

C:\>Erase Mantap.txt
C:\Mantap.txt
Access is denied.

C:\>rd cobaaan

C:\>
```

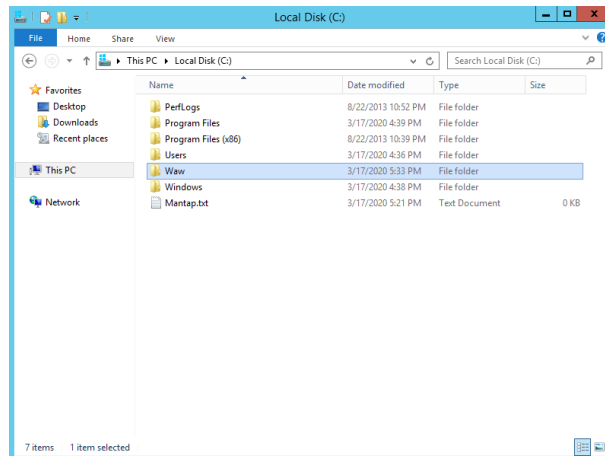
Sesudah



**Rmdir**[Folder] sama seperti rd berfungsi untuk menghapus folder.

**Ren**[namafile] [namabarur], untuk merubah nama folder direktori.

Sebelum



```

C:\>copy Mantap.txt c:\Waw
1 file(s) copied.

C:\>del Mantap.txt

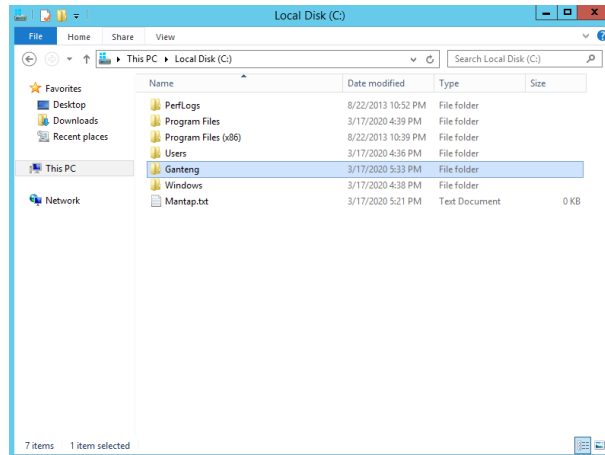
C:\>Erase Mantap.txt
C:\Mantap.txt
Access is denied.

C:\>rd cobaan

C:\>ren Waw Ganteng

C:\>
  
```

Sesudah



**Rename** [namafile] [namabarur], sama seperti ren, rename bertujuan untuk menghapus file direktori.

**Type** [drive:][Path]filename, yaitu untuk menampilkan file berformat \*.txt atau file lain yang di dukung oleh dos.

```
C:\>ren Waw Ganteng
C:\>type Mantap.txt
Dzul Ganteng Tapi Jomblo!
C:\>
```

**TREE** [drive:][path] [/F] [/A]

Dengan [/F] menambahkan option ini, maka file file yang berada dalam folder akan ditampilkan.

Dengan [/A] menggunakan format ASCII untuk menampilkan karakter.





```
C:\Users\Dzoel>cd..
C:\Users>cd dzoel
C:\Users\Dzoel>tree
Folder PATH listing
Volume serial number is 0AB3-1F0E
C:.
├── Contacts
├── Desktop
├── Documents
├── Downloads
├── DzulGanteng
├── Favorites
├── Links
├── Music
├── Pictures
├── Screenshots
├── Saved Games
├── Searches
└── Videos
C:\Users\Dzoel>
```

**Edit**, text editor untuk dos.

**Exit**, Perintah untuk keluar.

## Tugas Modul 2

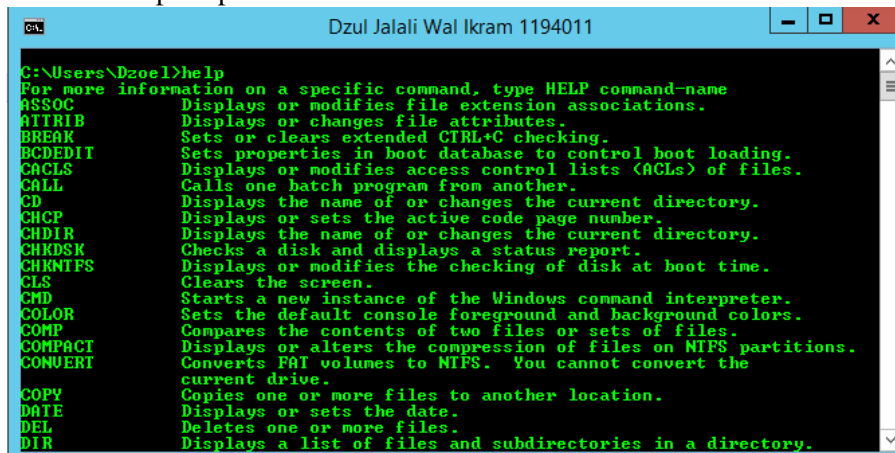
Pemrograman Batch File pada command Prompt

### 1. Pengertian Batch File

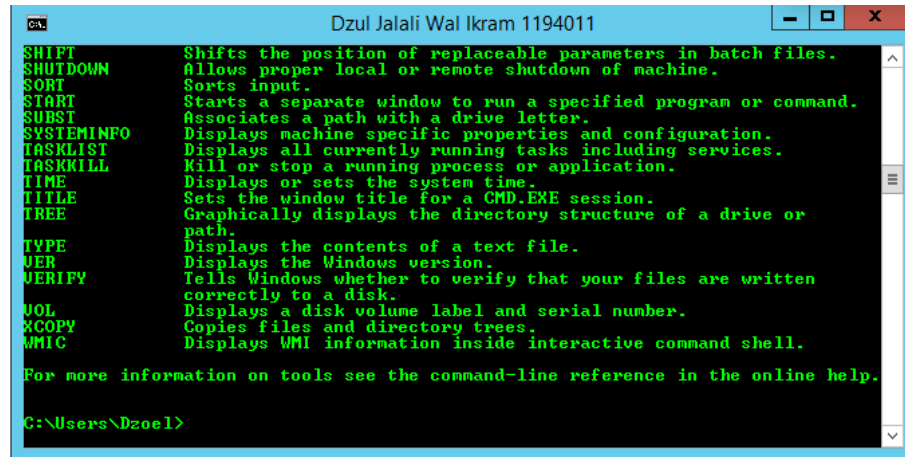
Pemrograman batch file adalah Unix shell programming versi windows. Di dalam DOS, Batch file merupakan file text berisi rentetan perintah yang akan di eksekusi oleh command interpreter satu persatu secara urut seperti saat kita mengetikan command di MS-DOS hanya saja dengan batch file perintah perintah ini dimasukan kedalam suatu file untuk otomatisasi penggunaannya.

### 2. Memulai BATCH

- Help pada command prompt.



```
C:\Users\Dzoel>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.
```



```
SHIFT      Shifts the position of replaceable parameters in batch files.
SHUTDOWN  Allows proper local or remote shutdown of machine.
SORT      Sorts input.
START     Starts a separate window to run a specified program or command.
SUBST     Associates a path with a drive letter.
SYSTEMINFO Displays machine specific properties and configuration.
TASKLIST  Displays all currently running tasks including services.
TASKKILL  Kill or stop a running process or application.
TIME      Displays or sets the system time.
TITLE     Sets the window title for a CMD.EXE session.
TREE      Graphically displays the directory structure of a drive or
          path.
TYPE      Displays the contents of a text file.
VER       Displays the Windows version.
VERIFY    Tells Windows whether to verify that your files are written
          correctly to a disk.
VOL       Displays a disk volume label and serial number.
XCOPY     Copies files and directory trees.
WMIC      Displays WMI information inside interactive command shell.

For more information on tools see the command-line reference in the online help.

C:\Users\Dzoel>
```

- Penggunaan ECHO



```
C:\Users\Dzoel>echo selamat malam
selamat malam
C:\Users\Dzoel>
```

- Penggunaan CLS



```
C:\Users\Dzoel>echo selamat malam
selamat malam
C:\Users\Dzoel>cls/?
Clears the screen.
CLS
C:\Users\Dzoel>
```