

PRAKTIKUM SISTEM OPERASI

MODUL 4 : PENGOLAHAN FILE DAN DIRECTORY MENGGUNAKAN MS-DOS/COMMAND PROMPT DI WINDOWS



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LANGKAH KERJA :

Percobaan pertama.

1. Masuk cmd
2. Melihat versi MS-Dos (ver)

```
C:\Windows\system32\cmd.exe
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\Ghaisani>ver

Microsoft Windows [Version 6.1.7601]

C:\Users\Ghaisani>
```

Percobaan kedua.

3. cls untuk membersihkan tulisan

```
C:\Users\Ghaisani>cls_
```

4. dir untuk melihat isi direktori

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

C:\Users\Ghaisani>dir
Volume in drive C has no label.
Volume Serial Number is 5046-14FD

Directory of C:\Users\Ghaisani

15/09/2020  10:43    <DIR>          .
15/09/2020  10:43    <DIR>          ..
15/09/2020  10:43    <DIR>          .android
16/07/2020  20:55             1.745 .bash_history
24/02/2019  14:40    <DIR>          .eclipse
23/11/2019  11:16             73 .gitconfig
12/09/2019  10:53    <DIR>          .gnome2
12/09/2019  10:54             1.171 .gvnrgc
07/11/2019  19:16    <DIR>          .idlerc
24/02/2019  14:40    <DIR>          .jmc
09/03/2019  06:06    <DIR>          .LINE
12/04/2019  15:39    <DIR>          .nbi
09/03/2019  06:06    <DIR>          .QtWebEngineProcess
19/09/2019  00:47             218 .recently-used.xbel
01/01/2019  07:15    <DIR>          Contacts
16/10/2020  21:50    <DIR>          Desktop
03/10/2020  17:22    <DIR>          Documents
15/10/2020  09:35    <DIR>          Downloads
```

5. cd.. untuk keluar dari direktori win, cd.. untuk keluar dari direktori docment dan masuk ke direktori C

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

C:\Users\Ghaisani>cd..
C:\Users>cd..
C:\>
```

6. Ketik dir untuk melihat isi direktori C

```
C:\>dir
Volume in drive C has no label.
Volume Serial Number is 5046-14FD

Directory of C:\

11/06/2009  04:42                24 autoexec.bat
11/05/2019  16:24            152 config.ini
11/06/2009  04:42             10 config.sys
21/12/2018  08:36          <DIR>      Intel
02/02/2019  16:56          <DIR>      New Folder
12/09/2019  16:11          <DIR>      OS
21/09/2020  13:21      101.079.655 OS.rar
14/07/2009  09:37          <DIR>      PerfLogs
15/10/2020  09:31          <DIR>      Program Files
04/12/2019  10:11          <DIR>      Python27
09/01/2019  12:52          <DIR>      RECYCLER
21/03/2020  16:39          <DIR>      Temp
21/12/2018  07:38          <DIR>      Users
15/10/2020  09:35          <DIR>      Windows
03/04/2019  18:13          <DIR>      xampp
               4 File(s)      101.079.841 bytes
               11 Dir(s)  23.306.133.504 bytes free

C:\>
```

7. Ketik perintah dir/p untuk menampilkan nama file perhalaman, kemudian tekan spasi untuk menampilkan halaman berikutnya dan tekan spasi untuk halaman berikutnya lagi dan seterusnya sampai di akhir halaman sesuai dengan banyaknya file dalam directory tersebut.

```
C:\>dir/p
Volume in drive C has no label.
Volume Serial Number is 5046-14FD

Directory of C:\

11/06/2009  04:42                24 autoexec.bat
11/05/2019  16:24            152 config.ini
11/06/2009  04:42             10 config.sys
21/12/2018  08:36          <DIR>      Intel
02/02/2019  16:56          <DIR>      New Folder
12/09/2019  16:11          <DIR>      OS
21/09/2020  13:21      101.079.655 OS.rar
14/07/2009  09:37          <DIR>      PerfLogs
15/10/2020  09:31          <DIR>      Program Files
04/12/2019  10:11          <DIR>      Python27
09/01/2019  12:52          <DIR>      RECYCLER
21/03/2020  16:39          <DIR>      Temp
21/12/2018  07:38          <DIR>      Users
15/10/2020  09:35          <DIR>      Windows
03/04/2019  18:13          <DIR>      xampp
               4 File(s)      101.079.841 bytes
               11 Dir(s)  23.306.182.656 bytes free
```

8. Ketik perintah dir/wm enampilkan file secara mendatar. Kemudian ketik perintah dir/a untuk menampilkan semua file terutama file yang terhidden.

```

C:\>dir/w
Volume in drive C has no label.
Volume Serial Number is 5046-14FD

Directory of C:\

autoexec.bat      config.ini        config.sys        [Intel]          [New Folder]
[OS]              OS.rar           [PerfLogs]       [Program Files]  [Python27]
[RECYCLER]        [Temp]           [Users]          [Windows]        [xampp]
                  4 File(s)        101.079.841 bytes
                  11 Dir(s)      23.306.043.392 bytes free

C:\>dir/a
Volume in drive C has no label.
Volume Serial Number is 5046-14FD

Directory of C:\

07/02/2019  22:36      <DIR>          $AU_ASW
21/12/2018  07:38      <DIR>          $Recycle.Bin
25/01/2019  00:19                40 31191E25F4CD
11/06/2009  04:42                24 autoexec.bat
11/05/2019  16:24               152 config.ini
11/06/2009  04:42                10 config.sys
14/07/2009  11:53      <JUNCTION>    Documents and Settings [C:\Users]
21/12/2018  08:36      <DIR>          Intel
21/12/2018  08:57      <DIR>          MSOCache
02/02/2019  16:56      <DIR>          New Folder
12/09/2019  16:11      <DIR>          OS
21/09/2020  13:21               101.079.655 OS.rar
17/10/2020  06:50               3.395.567.616 pagefile.sys
14/07/2009  09:37      <DIR>          PerfLogs
15/10/2020  09:31      <DIR>          Program Files
15/10/2020  09:50      <DIR>          ProgramData
04/12/2019  10:11      <DIR>          Python27
21/12/2018  07:38      <DIR>          Recovery
09/01/2019  12:52      <DIR>          RECYCLER
13/10/2020  13:01      <DIR>          System Volume Information
21/03/2020  16:39      <DIR>          Temp
21/12/2018  07:38      <DIR>          Users
15/10/2020  09:35      <DIR>          Windows
03/04/2019  18:13      <DIR>          xampp
11/01/2019  11:59      <DIR>          [Smad-Cage]
                  6 File(s)      3.496.647.497 bytes
                  19 Dir(s)  23.306.043.392 bytes free

```

9. exit untuk keluar dari cmd

```

C:\Users\Ghaisani>exit_

```

Percobaan ketiga.

- Membuat folder di direktori C dengan nama “files” dan membuat new microsoft word di dalam folder files dengan nama file “file1”
- Membuka cmd dan masuk ke drive C kemudian ketik dir lalu cd files lalu dir untuk melihat isi folder

```

C:\Users\Ghaisani>cd..
C:\Users>cd..
C:\>dir
Volume in drive C has no label.
Volume Serial Number is 5046-14FD

Directory of C:\

11/06/2009  04:42                24 autoexec.bat
11/05/2019  16:24            152 config.ini
11/06/2009  04:42             10 config.sys
19/10/2020  15:38            <DIR>      files
21/12/2018  08:36            <DIR>      Intel
02/02/2019  16:56            <DIR>      New Folder
12/09/2019  16:11            <DIR>      OS
21/09/2020  13:21      101.079.655 OS.rar
14/07/2009  09:37            <DIR>      PerfLogs
15/10/2020  09:31            <DIR>      Program Files
04/12/2019  10:11            <DIR>      Python27
09/01/2019  12:52            <DIR>      RECYCLER
21/03/2020  16:39            <DIR>      Temp
21/12/2018  07:38            <DIR>      Users
15/10/2020  09:35            <DIR>      Windows
03/04/2019  18:13            <DIR>      xampp
               4 File(s)      101.079.841 bytes
               12 Dir(s)  23.296.765.952 bytes free

C:\>cd files
C:\files>dir
Volume in drive C has no label.
Volume Serial Number is 5046-14FD

Directory of C:\files

19/10/2020  15:38            <DIR>      .
19/10/2020  15:38            <DIR>      ..
19/10/2020  15:37              0 file1.docx
               1 File(s)              0 bytes
               2 Dir(s)  23.296.765.952 bytes free

```

- Ketik perintah ren file1.doc file.doc untuk mengubah nama file.
- Ketik perintah rename file.doc file2.doc untuk mengubah nama file kemudian ketik dir maka nama file sudah berubah.

```

C:\files>ren file1.docx file.docx
C:\files>rename file.docx file2.docx
C:\files>dir
Volume in drive C has no label.
Volume Serial Number is 5046-14FD

Directory of C:\files

19/10/2020  15:45            <DIR>      .
19/10/2020  15:45            <DIR>      ..
19/10/2020  15:37              0 file2.docx
               1 File(s)              0 bytes
               2 Dir(s)  23.296.618.496 bytes free

C:\files>

```

Percobaan keempat.

- Ketik perintah copy C:\files C:\files2 untuk mengcopy isi folder files ke folder files2.

```

C:\files>cd..
C:\>copy C:\files C:\files2
C:\files\file2.docx
      1 file(s) copied.
C:\>

```

- Ketik perintah cd files untuk masuk ke directory files. Ketik perintah copy c:\files\file.doc d:\ untuk mengcopy file.doc ke drive D. Ketik perintah D: untuk pindah ke drive D kemudian ketik perintah dir untuk melihat isi drive D dan pastikan bahwa file.doc telah tercopy.

```

C:\>cd files
C:\files>copy c:\files\file.docx d:\
The system cannot find the file specified.
C:\files>copy c:\files\file2.docx d:\
      1 file(s) copied.
C:\files>d:
D:\>dir
Volume in drive D has no label.
Volume Serial Number is FBF8-1B60

Directory of D:\

06/01/2019  05:55    <DIR>          01 AABARU
03/04/2020  20:18    <DIR>          01 program
28/09/2016  07:51   11.906.547.712 DRP_17.4.5_Offline.iso
19/10/2020  15:37      0 file2.docx
26/09/2016  07:29    <DIR>          HP
03/04/2018  07:17    <DIR>          INTERNET
14/01/2019  14:37    <DIR>          LAPTOP
11/09/2019  20:08    <DIR>          New folder
08/06/2020  08:00    <DIR>          PORTABLE
03/10/2020  04:50    <DIR>          Program Files
11/07/2018  11:27    <DIR>          rx
15/08/2019  10:41    <DIR>          Temp
10/05/2019  21:50    <DIR>          TPLINK 722
                2 File(s) 11.906.547.712 bytes
                11 Dir(s) 58.140.680.192 bytes free

```

- Ketik del files kemudian yes untuk menghapus folder files pada drive C

```

D:\>c:
C:\files>cd..
C:\>del files
C:\files\*, Are you sure (Y/N)? y
C:\>_

```

Percobaan kelima.

- Ketik md baru untu membuat folder baru bernama baru, kemudian ketik dir.

```

C:\>md baru

C:\>dir
Volume in drive C has no label.
Volume Serial Number is 5046-14FD

Directory of C:\

11/06/2009  04:42                24 autoexec.bat
19/10/2020  16:01             <DIR>      baru
11/05/2019  16:24            152 config.ini
11/06/2009  04:42            10 config.sys
19/10/2020  15:54             <DIR>      files
19/10/2020  15:49             <DIR>      files2
21/12/2018  08:36             <DIR>      Intel
02/02/2019  16:56             <DIR>      New Folder
12/09/2019  16:11             <DIR>      OS
21/09/2020  13:21      101.079.655 OS.rar
14/07/2009  09:37             <DIR>      PerfLogs
15/10/2020  09:31             <DIR>      Program Files
04/12/2019  10:11             <DIR>      Python27
09/01/2019  12:52             <DIR>      RECYCLER
21/03/2020  16:39             <DIR>      Temp
21/12/2018  07:38             <DIR>      Users
15/10/2020  09:35             <DIR>      Windows
03/04/2019  18:13             <DIR>      xampp
                4 File(s)      101.079.841 bytes
                14 Dir(s)      23.294.357.504 bytes free

```

- Ketik rd baru untuk menghapus folder baru, lalu ketik dir

```

C:\>rd baru

C:\>dir
Volume in drive C has no label.
Volume Serial Number is 5046-14FD

Directory of C:\

11/06/2009  04:42                24 autoexec.bat
11/05/2019  16:24            152 config.ini
11/06/2009  04:42            10 config.sys
19/10/2020  15:54             <DIR>      files
19/10/2020  15:49             <DIR>      files2
21/12/2018  08:36             <DIR>      Intel
02/02/2019  16:56             <DIR>      New Folder
12/09/2019  16:11             <DIR>      OS
21/09/2020  13:21      101.079.655 OS.rar
14/07/2009  09:37             <DIR>      PerfLogs
15/10/2020  09:31             <DIR>      Program Files
04/12/2019  10:11             <DIR>      Python27
09/01/2019  12:52             <DIR>      RECYCLER
21/03/2020  16:39             <DIR>      Temp
21/12/2018  07:38             <DIR>      Users
15/10/2020  09:35             <DIR>      Windows
03/04/2019  18:13             <DIR>      xampp
                4 File(s)      101.079.841 bytes
                13 Dir(s)      23.294.291.968 bytes free

```

- Ketik mkdir baru1 untuk membuat folder bernama baru1 kemudian ketik dir


```

C:\>mkdir baru1

C:\>dir
Volume in drive C has no label.
Volume Serial Number is 5046-14FD

Directory of C:\

11/06/2009  04:42                24 autoexec.bat
19/10/2020  16:04                <DIR>      baru1
11/05/2019  16:24             152 config.ini
11/06/2009  04:42                10 config.sys
19/10/2020  15:54                <DIR>      files
19/10/2020  15:49                <DIR>      files2
21/12/2018  08:36                <DIR>      Intel
02/02/2019  16:56                <DIR>      New Folder
12/09/2019  16:11                <DIR>      OS
21/09/2020  13:21             101.079.655 OS.rar
14/07/2009  09:37                <DIR>      PerfLogs
15/10/2020  09:31                <DIR>      Program Files
04/12/2019  10:11                <DIR>      Python27
09/01/2019  12:52                <DIR>      RECYCLER
21/03/2020  16:39                <DIR>      Temp
21/12/2018  07:38                <DIR>      Users
15/10/2020  09:35                <DIR>      Windows
03/04/2019  18:13                <DIR>      xampp
               4 File(s)          101.079.841 bytes
              14 Dir(s)  23.294.050.304 bytes free

```

- ketik perintah rmdir baru1 untuk melihat isi directory files kemudian dir

```

C:\>rmdir baru1

C:\>dir
Volume in drive C has no label.
Volume Serial Number is 5046-14FD

Directory of C:\

11/06/2009  04:42                24 autoexec.bat
11/05/2019  16:24             152 config.ini
11/06/2009  04:42                10 config.sys
19/10/2020  15:54                <DIR>      files
19/10/2020  15:49                <DIR>      files2
21/12/2018  08:36                <DIR>      Intel
02/02/2019  16:56                <DIR>      New Folder
12/09/2019  16:11                <DIR>      OS
21/09/2020  13:21             101.079.655 OS.rar
14/07/2009  09:37                <DIR>      PerfLogs
15/10/2020  09:31                <DIR>      Program Files
04/12/2019  10:11                <DIR>      Python27
09/01/2019  12:52                <DIR>      RECYCLER
21/03/2020  16:39                <DIR>      Temp
21/12/2018  07:38                <DIR>      Users
15/10/2020  09:35                <DIR>      Windows
03/04/2019  18:13                <DIR>      xampp
               4 File(s)          101.079.841 bytes
              13 Dir(s)  23.293.968.384 bytes free

```

- Ketik perintah md \komputer untuk membuat folder bernama komputer didalam drive C. Ketik perintah dir untuk mengecek folder yang telah dibuat. Ketik perintah md \files\film untuk membuat folder bernama film didalam folder files. Ketik cd files untuk masuk ke dalam directory files kemudian ketik perintah dir untuk melihat isi dari directory files.


```

C:\>md \komputer

C:\>dir
Volume in drive C has no label.
Volume Serial Number is 5046-14FD

Directory of C:\

11/06/2009  04:42                24 autoexec.bat
11/05/2019  16:24            152 config.ini
11/06/2009  04:42            10 config.sys
19/10/2020  15:54            <DIR>      files
19/10/2020  15:49            <DIR>      files2
21/12/2018  08:36            <DIR>      Intel
19/10/2020  16:07            <DIR>      komputer
02/02/2019  16:56            <DIR>      New folder
12/09/2019  16:11            <DIR>      OS
21/09/2020  13:21      101.079.655 OS.rar
14/07/2009  09:37            <DIR>      PerfLogs
15/10/2020  09:31            <DIR>      Program Files
04/12/2019  10:11            <DIR>      Python27
09/01/2019  12:52            <DIR>      RECYCLER
21/03/2020  16:39            <DIR>      Temp
21/12/2018  07:38            <DIR>      Users
15/10/2020  09:35            <DIR>      Windows
03/04/2019  18:13            <DIR>      xampp
                4 File(s)      101.079.841 bytes
                14 Dir(s)  23.293.812.736 bytes free

C:\>md \files\film

C:\>cd files

C:\files>dir
Volume in drive C has no label.
Volume Serial Number is 5046-14FD

Directory of C:\files

19/10/2020  16:08            <DIR>      .
19/10/2020  16:08            <DIR>      ..
19/10/2020  16:08            <DIR>      film
                0 File(s)                0 bytes
                3 Dir(s)  23.293.812.736 bytes free

```

Percobaan keenam.

- Ketik perintah `move c:\files\baru\pindah.doc c:\files2` untuk memindah file pindah.doc ke folder files2. ketik perintah `move c:\files\baru\pindah.txt. files2` untuk memindah file pindah.txt ke folder. files2. ketik perintah `cd files2` untuk masuk ke directory files2. ketik perintah `dir` untuk melihat isi dari directory.

```

C:\>move c:\files\pindah.docx c:\files2
      1 file(s) moved.

C:\>move c:\files\pindah.txt c:\files2
      1 file(s) moved.

C:\>cd files2

C:\files2>dir
Volume in drive C has no label.
Volume Serial Number is 5046-14FD

Directory of C:\files2

19/10/2020  16:13    <DIR>          .
19/10/2020  16:13    <DIR>          ..
19/10/2020  15:37             0 file2.docx
19/10/2020  16:11             0 pindah.docx
19/10/2020  16:11             0 pindah.txt
                                   0 bytes
                3 File(s)
                2 Dir(s)  23.293.591.552 bytes free

```

- Ketik tree c:\files untuk melihat isi folder files secara terstruktur

```

C:\>tree c:\files
Folder PATH listing
Volume serial number is 00000002 5046:14FD
C:\FILES
├── film

```

TUGAS :

- Membuat folder di direktori D dengan nama “coba”
- Memasukkan file musik.mp3, gambar.jpg, document.docx, teks.txt
- Membuat folder di direktori D dengan nama “multimedia”
- Membuka cmd dan masuk ke drive D
- Ketik perintah `copy coba\musik.mp3 multimedia` untuk mengcopy musik.mp3 ke folder multimedia.
- Ketik perintah `copy coba\gambar.jpg multimedia` untuk mengcopy gambar.jpg ke folder multimedia.
- Ketik perintah `copy coba\document.docx multimedia` untuk mengcopy document.docx ke folder multimedia.
- Ketik perintah `copy coba\teks.txt multimedia` untuk mengcopy teks.txt ke folder multimedia.
- Ketik perintah `dir` untuk melihat isi folder multimedia pada drive D dan pastikan bahwa semua file telah tercopy.



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

C:\>d:
D:\>copy coba\musik.mp3 multimedia
        1 file(s) copied.
D:\>copy coba\gambar.jpg multimedia
        1 file(s) copied.
D:\>copy coba\document.docx multimedia
        1 file(s) copied.
D:\>copy coba\teks.txt multimedia
        1 file(s) copied.
D:\>cd multimedia
D:\multimedia>dir
Volume in drive D has no label.
Volume Serial Number is FBF8-1B60

Directory of D:\multimedia

19/10/2020  16:23    <DIR>          .
19/10/2020  16:23    <DIR>          ..
19/10/2020  16:11                0 document.docx
04/06/2020  16:32                76.540 gambar.jpg
03/06/2020  10:53           13.853.662 musik.mp3
19/10/2020  16:11                0 teks.txt
               4 File(s)          13.930.202 bytes
               2 Dir(s)          58.112.806.912 bytes free

D:\multimedia>
```