

# **PRAKTIKUM SISTEM OPERASI**

## **MODUL 4**



**Nama : NICKY JULYATRIKA SARI**

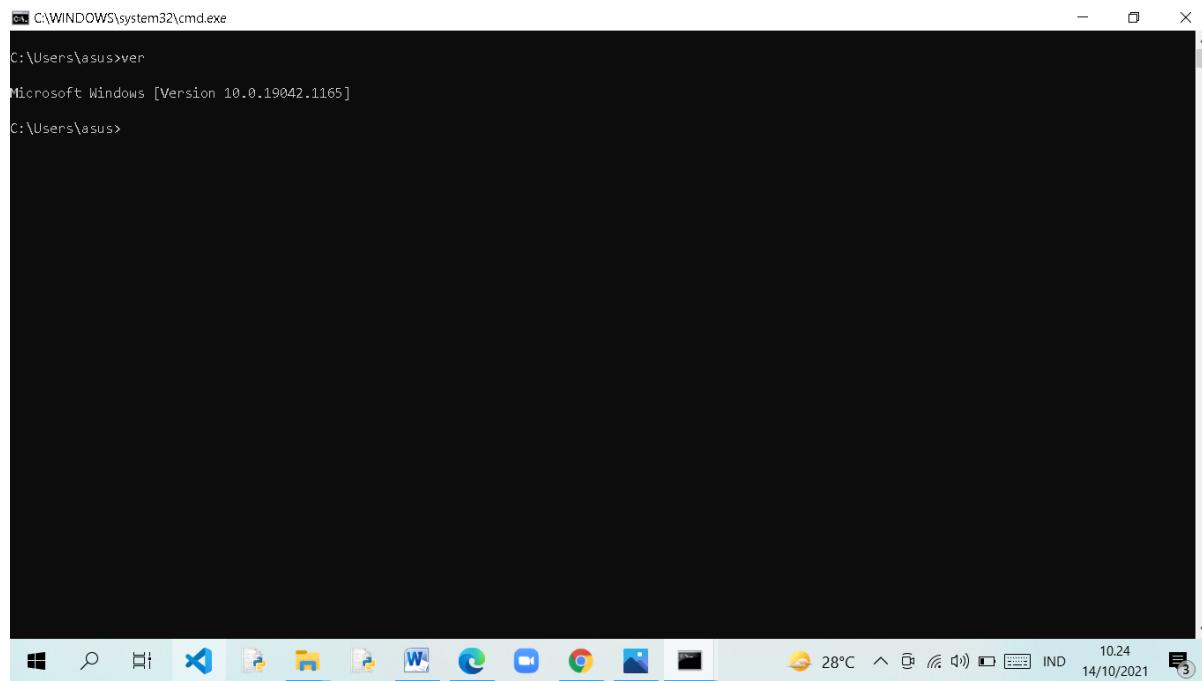
**NIM : L200200101**

**PROGRAM STUDI**  
**INFORMATIKA**  
**FAKULTAS KOMUNIKASI DAN INFORMATIKA**  
**UNIVERSITAS MUHAMMADIYAH SURAKARTA**  
**TAHUN 2021/2022**

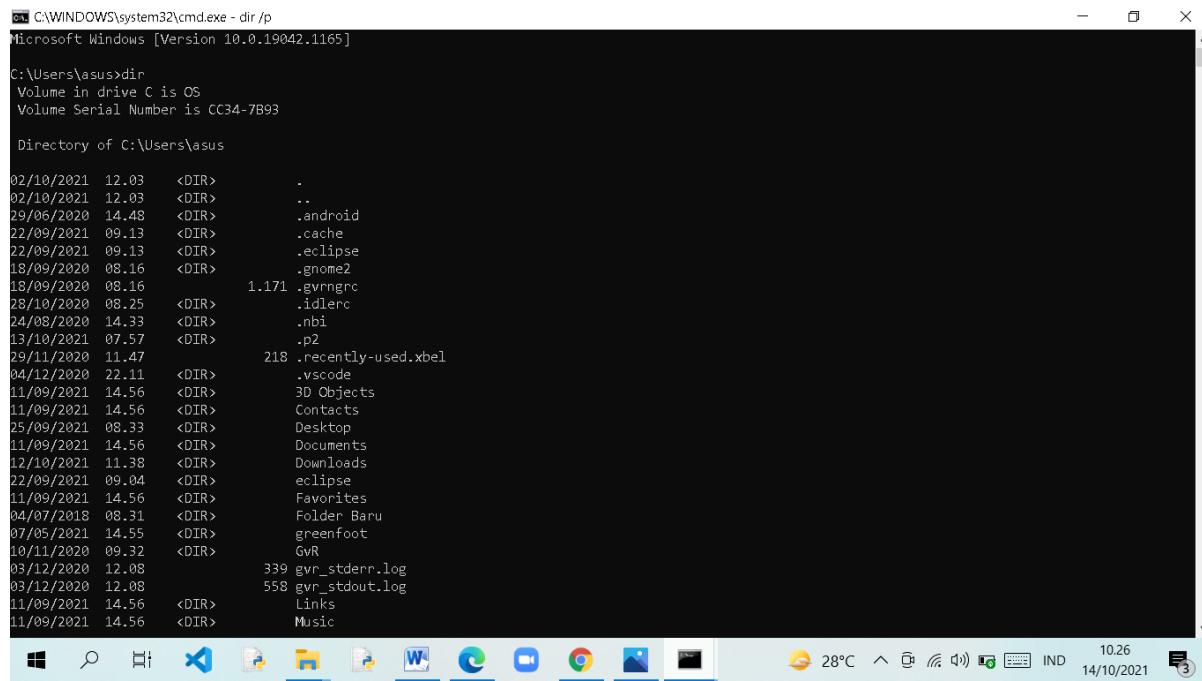
## Langkah kerja

### ➤ Percobaan pertama : Melihat versi MS-Dos (ver)

1. Klik start – all programs – accessories – command prompt sehingga muncul command prompt.
2. Ketik perintah ver untuk melihat versi command prompt yang kita gunakan.



3. ketik perintah cls untuk membersihkan tulisan pada layar
4. ketik perintah dir untuk melihat isi dari directory yang ada pada komputer kita



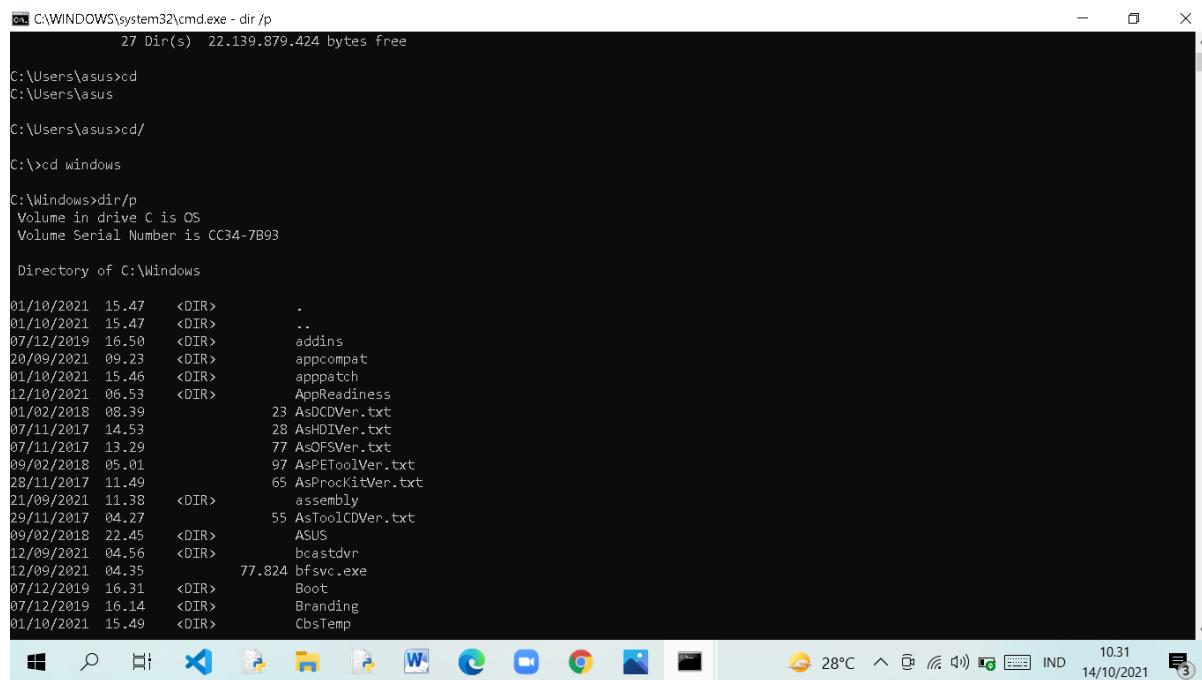
```
C:\WINDOWS\system32\cmd.exe - dir /p
Microsoft Windows [Version 10.0.19042.1165]

C:\Users\asus>dir
 Volume in drive C is OS
 Volume Serial Number is CC34-7B93

 Directory of C:\Users\asus

02/10/2021 12.03 <DIR> .
02/10/2021 12.03 <DIR> ..
29/06/2020 14.48 <DIR> .android
22/09/2021 09.13 <DIR> .cache
22/09/2021 09.13 <DIR> .eclipse
18/09/2020 08.16 <DIR> .gnome2
18/09/2020 08.16 1.171 .gvrngrc
28/10/2020 08.25 <DIR> .idlerc
24/08/2020 14.33 <DIR> .nbi
13/10/2021 07.57 <DIR> .p2
29/11/2020 11.47 218 .recently-used.xbel
04/12/2020 22.11 <DIR> .vscode
11/09/2021 14.56 <DIR> 3D Objects
11/09/2021 14.56 <DIR> Contacts
25/09/2021 08.33 <DIR> Desktop
11/09/2021 14.56 <DIR> Documents
12/10/2021 11.38 <DIR> Downloads
22/09/2021 09.04 <DIR> eclipse
11/09/2021 14.56 <DIR> Favorites
04/07/2018 08.31 <DIR> Folder Baru
07/05/2021 14.55 <DIR> greenfoot
10/11/2020 09.32 <DIR> GvR
03/12/2020 12.08 339 gvr_stderr.log
03/12/2020 12.08 558 gvr_stdout.log
11/09/2021 14.56 <DIR> Links
11/09/2021 14.56 <DIR> Music
```

5. Ketik perintah cd.. untuk keluar dari directory users dan ketik perintah cd.. untuk keluar dari directory asus sehingga masuk pada drive C
6. Ketik perintah dir untuk melihat isi directory yang ada pada drive C. Kemudian ketik perintah cd windows untuk masuk pada directory windows



```
C:\WINDOWS\system32\cmd.exe - dir /p
27 Dir(s) 22.139.879.424 bytes free

C:\Users\asus>cd
C:\Users\asus

C:\Users\asus>cd/
C:\>cd windows

C:\Windows>dir/p
 Volume in drive C is OS
 Volume Serial Number is CC34-7B93

 Directory of C:\Windows

01/10/2021 15.47 <DIR> .
01/10/2021 15.47 <DIR> ..
07/12/2019 16.50 <DIR> addins
20/09/2021 09.23 <DIR> appcompat
01/10/2021 15.46 <DIR> apppatch
12/10/2021 06.53 <DIR> AppReadiness
01/02/2018 08.39 23 AsDCDVer.txt
07/11/2017 14.53 28 AsHDIVer.txt
07/11/2017 13.29 77 AsOFSVer.txt
09/02/2018 05.01 97 AsPEToolVer.txt
28/11/2017 11.49 65 AsProcketVer.txt
21/09/2021 11.38 <DIR> assembly
29/11/2017 04.27 55 AsToolCDVer.txt
09/02/2018 22.45 <DIR> ASUS
12/09/2021 04.56 <DIR> bcastdvr
12/09/2021 04.35 77.824 bfsvc.exe
07/12/2019 16.31 <DIR> Boot
07/12/2019 16.14 <DIR> Branding
01/10/2021 15.49 <DIR> CbsTemp
```

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:\WINDOWS\system32\cmd.exe - dir /p
Volume in drive C is OS
Volume Serial Number is CC34-7B93

Directory of C:\Windows

01/10/2021  15.47    <DIR>          .
01/10/2021  15.47    <DIR>          ..
07/12/2019   16.50    <DIR>          addins
20/09/2021   09.23    <DIR>          appcompat
01/10/2021  15.46    <DIR>          apppatch
12/10/2021   06.52    <DIR>          AppReadiness
01/02/2018   08.39    23 AsDDCVer.txt
07/11/2017   14.53    28 AsHDIVer.txt
07/11/2017   13.29    77 AsOFSVer.txt
09/02/2018   05.01    97 AsPEToolVer.txt
28/11/2017   11.49    65 AsProKitVer.txt
21/09/2021   11.38    <DIR>          assembly
29/11/2017   04.27    55 AsToolDVer.txt
09/02/2018   22.45    ASUS
12/09/2021   04.56    <DIR>          broadcastv
12/09/2021   04.35    77.824 bfcsvc.exe
07/12/2019   16.31    <DIR>          Boot
07/12/2019   16.14    <DIR>          Branding
01/10/2021   15.49    <DIR>          CbsTemp
11/09/2021   14.34    762 comsetup.log
07/12/2019   16.14    <DIR>          Containers
07/12/2019   16.10    29.857 Core.xml
07/12/2019   16.10    29.857 CoreSingleLanguage.xml
01/11/2017   17.27    10 csup.txt
07/12/2019   16.14    <DIR>          Cursors
24/09/2021   16.04    <DIR>          debug
11/09/2021   14.50    7.623 diagerr.xml
07/12/2019   16.31    <DIR>          diagnostics
Press any key to continue . . .
```



```
C:\WINDOWS\system32\cmd.exe - dir /p
12/09/2021   04.56    <DIR>          DiagTrack
11/09/2021   14.50    7.623 diagwrrn.xml
07/12/2019   16.49    <DIR>          DigitalLocker
19/11/2020   14.39    2.885 DtcInstall.log
12/09/2021   05.18    <DIR>          en
12/09/2021   04.56    <DIR>          en-GB
12/09/2021   04.56    <DIR>          en-US
12/09/2021   04.35    4.849.904 explorer.exe
12/09/2021   05.13    <DIR>          Firmware
07/12/2019   16.14    <DIR>          GameBarPresenceWriter
07/12/2019   16.31    <DIR>          Globalization
12/09/2021   05.13    <DIR>          Help
12/09/2021   04.41    1.075.712 HelpPane.exe
07/12/2019   16.09    18.432 hh.exe
22/11/2017   09.04    <DIR>          hi-IN
09/02/2018   21.45    <DIR>          IAStorAfsService
12/09/2021   03.55    <DIR>          id-ID
07/12/2019   16.31    <DIR>          IdentityCRL
01/10/2021   15.46    <DIR>          IME
01/10/2021   15.46    <DIR>          ImmersiveControlPanel
12/10/2021   06.33    <DIR>          INF
12/09/2021   05.18    <DIR>          InfusedApps
07/12/2019   16.14    <DIR>          InputMethod
07/12/2019   16.14    <DIR>          L2Schemas
07/12/2019   16.14    <DIR>          LiveKernelReports
22/07/2020   11.06    <DIR>          Log
09/10/2021   12.09    <DIR>          Logs
19/11/2020   14.30    1.380 lsasetup.log
07/12/2019   16.08    43.131 mib.bin
13/10/2021   09.42    <DIR>          Microsoft.NET
07/12/2019   16.14    <DIR>          Migration
07/12/2019   16.14    <DIR>          ModemLogs
12/09/2021   04.44    211.968 notepad.exe
Press any key to continue . . .
```



```
C:\WINDOWS\system32\cmd.exe - dir /p
12/09/2021  04.18    <DIR>          OCR
07/12/2019   16.14    <DIR>          Offline Web Pages
09/02/2018   22.07    <DIR>          Options
24/09/2021   15.08    <DIR>          Panther
07/12/2019   16.14    <DIR>          Performance
22/09/2021   07.19    7.366 PPRO.log
07/12/2019   16.31    <DIR>          PLA
01/10/2021   15.46    <DIR>          PolicyDefinitions
14/10/2021   07.36    <DIR>          Prefetch
09/02/2018   22.29    <DIR>          prerequisites
12/09/2021   06.58    <DIR>          PrintDialog
11/09/2021   11.05    36 progress.ini
12/09/2021   04.56    <DIR>          Provisioning
23/09/2020   15.59    920.592 py.exe
23/09/2020   16.00    57.360 pshellext.amd64.dll
23/09/2020   15.59    921.104 pyw.exe
12/09/2021   04.41    370.176 regedit.exe
12/09/2021   05.18    <DIR>          Registration
07/12/2019   16.14    <DIR>          rescache
12/09/2021   05.13    <DIR>          Resources
14/07/2016   08.23    4.332.032 RCRU64.exe
21/07/2017   16.17    2.839.488 RtlExUpd.dll
07/12/2019   16.14    <DIR>          SchCache
07/12/2019   16.31    <DIR>          schemas
07/12/2019   16.31    <DIR>          security
19/11/2020   14.30    <DIR>          ServiceProfiles
02/10/2021   09.01    <DIR>          ServiceState
01/10/2021   15.46    <DIR>          servicing
12/09/2021   03.49    <DIR>          Setup
12/10/2021   06.33    10.375 setupact.log
11/09/2021   14.25    0 setuperr.log
12/09/2021   04.56    <DIR>          ShellComponents
12/09/2021   04.56    <DIR>          ShellExperiences
Press any key to continue . . .
```

```
C:\WINDOWS\system32\cmd.exe
12/09/2021  05.18    <DIR>          SHELLNEW
07/12/2019   16.31    <DIR>          SKB
12/09/2021   06.56    <DIR>          SoftwareDistribution
07/12/2019   16.14    <DIR>          Speech
07/12/2019   16.14    <DIR>          Speech_OneCore
12/09/2021   04.35    136.192 splwow64.exe
07/12/2019   16.14    <DIR>          System
29/09/2017   20.44    219 System.ini
12/10/2021   06.33    <DIR>          System32
07/12/2019   16.52    <DIR>          SystemApps
12/09/2021   04.56    <DIR>          SystemResources
01/10/2021   15.47    <DIR>          SysNOW64
07/12/2019   16.14    <DIR>          TAPI
12/09/2021   03.34    <DIR>          Tasks
13/10/2021   09.42    <DIR>          Temp
21/01/2021   14.43    <DIR>          TextInput
07/12/2019   16.14    <DIR>          tracing
19/11/2020   09.53    <DIR>          twain_32
07/12/2019   16.10    65.024 twain_32.dll
29/01/2021   10.38    <DIR>          UpdateAssistant
07/12/2019   16.14    <DIR>          Vss
07/12/2019   16.14    <DIR>          WaaS
07/12/2019   16.31    <DIR>          Web
09/02/2018   23.20    167 win.ini
03/10/2021   10.06    276 WindowsUpdate.log
07/12/2019   16.10    11.776 winhlp32.exe
13/10/2021   09.45    <DIR>          WinSxS
31/03/2014   21.34    322.248 WLXPGSS.SCR
07/12/2019   16.52    316.640 WMSysPr9.prx
07/12/2019   04.29    11.264 write.exe
      39 File(s)   16.679.648 bytes
      85 Dir(s)   22.231.805.952 bytes free
C:\Windows>
```

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

```
C:\WINDOWS\system32\cmd.exe
Volume in drive C is OS
Volume Serial Number is CC34-7B93

Directory of C:\Windows

[.]          [...]          [addins]          [appcompat]          [apppatch]
[AppReadiness]  AsDDCVer.txt  AsHDIVer.txt  AsToolCDVer.txt  AsPEToolVer.txt
AsProcKitVer.txt [assembly]  [Boot]          [Branding]          [ASUS]
bfsvc.exe      Core.xml       [CbsTemp]        [CoreSingleLanguage.xml]  [bcastdrv]
[Containers]    diagerr.xml   [diagnostics]  csup.txt         comsetup.log
[debug]          DtcInstall.log [en]           [DiagTrack]        [Cursors]
[DigitalLocker] explorer.exe  [en-GB]          [en-US]          diagwn.xml
explorer.exe    hh.exe       [GameBarPresenceWriter]  [Globalization]  [Help]
HelpPane.exe    [Firmware]   [hi-IN]          [IAStorAfsService]  [id-ID]
[IdentityCRL]  [IME]        [ImmersiveControlPanel]  [INF]          [InfusedApps]
[InputMethod]   [L2Schemas]  [LiveKernelReports]  [Log]          [Logs]
lsasetup.log    mib.bin      [Microsoft.NET]  [Migration]     [ModemLogs]
notepad.exe     [OCR]        [Offline Web Pages]  [Options]      [Panther]
[Performance]  PPRO.log    [PLA]            [PolicyDefinitions]  [Prefetch]
[prerequisites] [PrintDialog] progress.ini  [Provisioning]  py.exe
pshellext.amd64.dll pyw.exe     regedit.exe   [Registration]  [rescache]
[Resources]     RtcRU64.exe  RtlExUpd.dll  [ServiceState]  [schemas]
[security]      [ServiceProfiles]  [ShellComponents]  [servicing]    [Setup]
setupact.log    setuperr.log [SoftwareDistribution]  [ShellExperiences]  [SHELLNEW]
[SKB]          system.ini   [Speech]        [Speech_OneCore]  splwow64.exe
[System]        [TAPI]        [Tasks]          [System32]      [SystemResources]
[SysWow64]      [twain_32]   twain_32.dll  [Temp]          [TextInput]
[tracing]       [Web]        wdn.ini       [UpdateAssistant]  [Vss]
[WaaS]          WLXPGST.SCR  WMSysPr9.prx  WindowsUpdate.log  winhlp32.exe
[WinSxS]

39 File(s)   16,679,648 bytes
85 Dir(s)   22,230,777,856 bytes free

C:\Windows>
```

```
C:\WINDOWS\system32\cmd.exe
C:\Windows>dir/a
Volume in drive C is OS
Volume Serial Number is CC34-7B93

Directory of C:\Windows

01/10/2021  15.47  <DIR>          .
01/10/2021  15.47  <DIR>          ..
07/12/2019   16.50  <DIR>          addins
20/09/2021  09.23  <DIR>          appcompat
01/10/2021  15.46  <DIR>          apppatch
12/10/2021  06.52  <DIR>          AppReadiness
01/02/2018  08.39  23 AsDDCVer.txt
07/11/2017  14.53  28 AsHDIVer.txt
07/11/2017  13.29  77 AsOFSVer.txt
09/02/2018  05.01  97 AsPEToolVer.txt
28/11/2017  11.49  65 AsProcKitVer.txt
21/09/2021  11.38  <DIR>          assembly
29/11/2017  04.27  55 AsToolCDVer.txt
09/02/2018  22.45  <DIR>          ASUS
12/09/2021  04.56  <DIR>          bcastdrv
12/09/2021  04.35  77.824 bfsvc.exe
07/12/2019  16.31  <DIR>          Boot
14/10/2021  07.47  67.584 bootstat.dat
07/12/2019  16.14  <DIR>          Branding
01/10/2021  15.49  <DIR>          CbsTemp
11/09/2021  14.34  762 comsetup.log
07/12/2019  16.14  <DIR>          Containers
07/12/2019  16.10  29.857 Core.xml
07/12/2019  16.10  29.857 CoreSingleLanguage.xml
01/11/2017  17.27  10 csup.txt
07/12/2019  16.14  <DIR>          Cursors
24/09/2021  16.04  <DIR>          debug
11/09/2021  14.50  7.623 diagerr.xml

C:\Windows>
```

```
C:\WINDOWS\system32\cmd.exe
11/09/2021 14:50      7.623 diagwrn.xml
07/12/2019 16:49  <DIR>     DigitalLocker
07/12/2019 16:14  <DIR>     Downloaded Program Files
19/11/2020 14:39      2.885 DtcInstall.log
07/12/2019 16:14  <DIR>     ELANBKUP
12/09/2021 05:18      en
12/09/2021 04:56  <DIR>     en-GB
12/09/2021 04:56  <DIR>     en-US
12/09/2021 04:35      4.849.904 explorer.exe
12/09/2021 05:13  <DIR>     Firmware
11/09/2021 15:09  <DIR>     Fonts
07/12/2019 16:14  <DIR>     GameBarPresenceWriter
07/12/2019 16:31  <DIR>     Globalization
12/09/2021 05:13  <DIR>     Help
12/09/2021 04:41      1.075.712 HelpPane.exe
07/12/2019 16:09      18.432 hh.exe
22/11/2017 09:04  <DIR>     hi-IN
09/02/2018 21:45  <DIR>     IAStorAfsService
12/09/2021 03:55  <DIR>     id-ID
07/12/2019 16:31  <DIR>     IdentityCRL
01/10/2021 15:46  <DIR>     IME
01/10/2021 15:46  <DIR>     ImmersiveControlPanel
12/10/2021 06:33  <DIR>     INF
12/09/2021 05:18  <DIR>     InfusedApps
07/12/2019 16:14  <DIR>     InputMethod
22/09/2021 11:30  <DIR>     Installer
07/12/2019 16:14  <DIR>     L2Schemas
07/12/2019 16:14  <DIR>     LanguageOverlayCache
07/12/2019 16:14  <DIR>     LiveKernelReports
22/07/2020 11:06  <DIR>     Log
09/10/2021 12:09  <DIR>     Logs
19/11/2020 14:30      1.380 lsasetup.log
11/09/2021 14:37  <DIR>     Media
07/12/2019 16:08      43.131 mib.bin
```

```
C:\WINDOWS\system32\cmd.exe
07/12/2019 16:14  <DIR>     ModemLogs
12/09/2021 04:44      211.968 notepad.exe
12/09/2021 04:18  <DIR>     OCR
07/12/2019 16:14  <DIR>     Offline Web Pages
09/02/2018 22:07  <DIR>     Options
24/09/2021 15:08  <DIR>     Panther
07/12/2019 16:14  <DIR>     Performance
22/09/2021 07:19      7.366 PFR0.log
07/12/2019 16:31  <DIR>     PLA
01/10/2021 15:46  <DIR>     PolicyDefinitions
14/10/2021 07:36  <DIR>     Prefetch
09/02/2018 22:29  <DIR>     prerequisites
12/09/2021 06:58  <DIR>     PrintDialog
11/09/2021 11:05      36 progression.ini
12/09/2021 04:56  <DIR>     Provisioning
23/09/2020 15:59      920.592 py.exe
23/09/2020 16:00      57.360 pyshellext.amd64.dll
23/09/2020 15:59      921.104 pyw.exe
12/09/2021 04:41      370.176 regedit.exe
12/09/2021 05:18  <DIR>     Registration
07/12/2019 16:14  <DIR>     rescache
12/09/2021 05:13  <DIR>     Resources
14/07/2016 08:23      4.332.032 RtcRNU64.exe
21/07/2017 16:17      2.839.488 RtExUpd.dll
07/12/2019 16:14  <DIR>     SchCache
07/12/2019 16:31  <DIR>     schemas
07/12/2019 16:31  <DIR>     security
19/11/2020 14:30  <DIR>     ServiceProfiles
02/10/2021 09:01  <DIR>     ServiceState
01/10/2021 15:46  <DIR>     servicing
12/09/2021 03:49  <DIR>     Setup
12/10/2021 06:33      10.375 setupact.log
11/09/2021 14:25      0 setuperr.log
12/09/2021 04:56  <DIR>     ShellComponents
```

```

C:\WINDOWS\system32\cmd.exe
07/12/2019 16.14 <DIR> Speech_OneCore
12/09/2021 04.35 136.192 splwou64.exe
07/12/2019 16.14 <DIR> System
29/09/2017 20.44 219 system.ini
12/10/2021 06.33 <DIR> System32
07/12/2019 16.52 <DIR> SystemApps
12/09/2021 04.56 <DIR> SystemResources
01/10/2021 15.47 <DIR> SysWOW64
07/12/2019 16.14 <DIR> TAPI
12/09/2021 03.34 <DIR> Tasks
13/10/2021 09.42 <DIR> Temp
21/01/2021 14.43 <DIR> TextInput
07/12/2019 16.14 <DIR> tracing
19/11/2020 09.53 <DIR> twain_32
07/12/2019 16.10 65.024 twain_32.dll
29/01/2021 10.38 <DIR> UpdateAssistant
07/12/2019 16.14 <DIR> Vss
07/12/2019 16.14 <DIR> WaaS
07/12/2019 16.31 <DIR> Web
09/02/2018 23.20 167 win.ini
07/12/2019 16.09 670 WindowsShell.Manifest
03/10/2021 10.06 276 WindowsUpdate.log
07/12/2019 16.10 11.776 winhlp32.exe
13/10/2021 09.45 <DIR> WinSxS
31/03/2014 21.34 322.248 WLXPGSS.SCR
07/12/2019 16.52 316.640 WNSysPr9.prx
07/12/2019 04.29 11.264 write.exe
41 File(s) 16.747.902 bytes
91 Dir(s) 22.230.470.656 bytes free

C:\Windows>

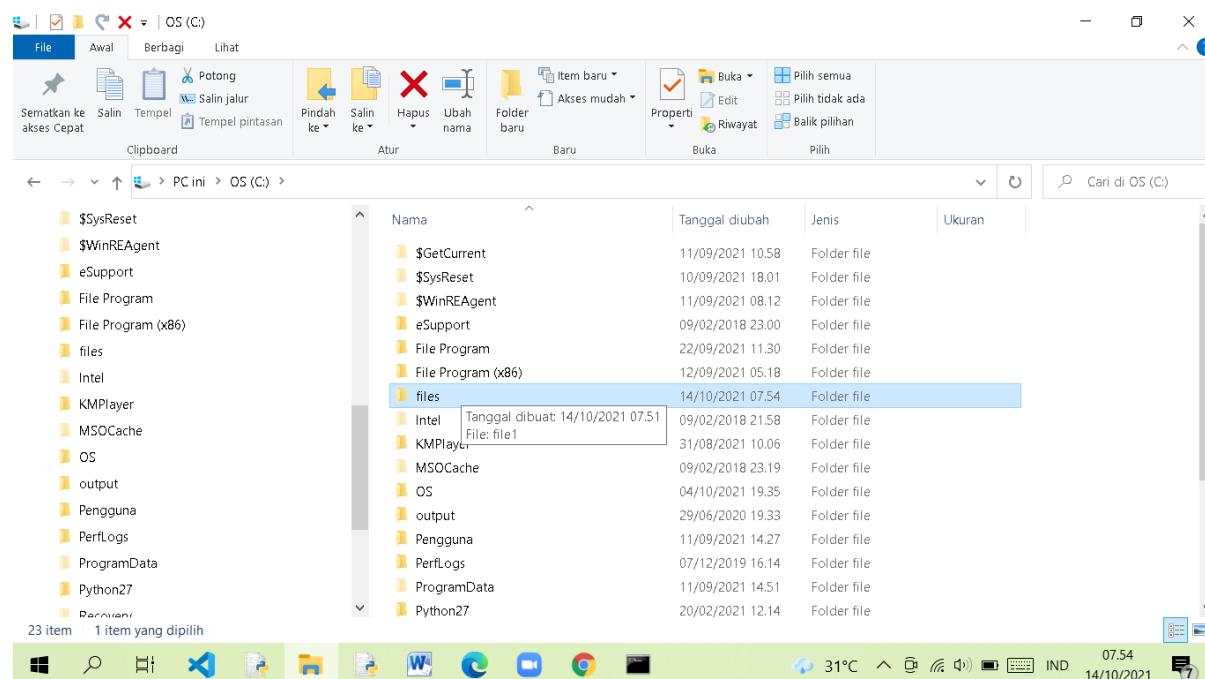
```

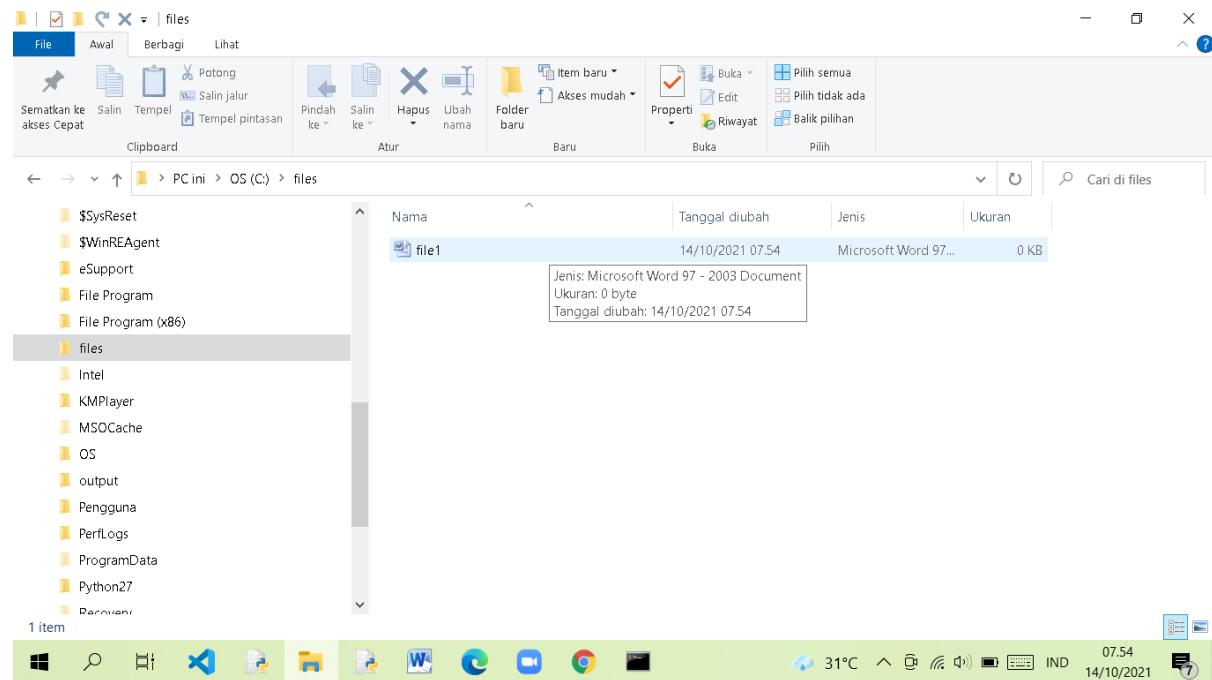
The screenshot shows a Windows Command Prompt window with a list of files and folders in the C:\Windows\system32\cmd.exe directory. The list includes various system files like speech\_OneCore, system.ini, and twain\_32.dll, along with system executables like cmd.exe, updateassistant.exe, and winhlp32.exe. The command prompt prompt is at the bottom.

9. ketik perintah exit untuk keluar dari command prompt.

### ➤ Percobaan ketiga : berubah nama file (ren, rename)

10. Buka windows explorer kemudian masuk ke drive C. Buat folder baru dan beri nama “files”. Masuk ke folder files kemudian arahkan kursor ke daerah yang kosong, klik kanan – new – micorosoft word document. Beri nama dengan “file1”.





11. ulangi langkah 1 dan langkah 5 untuk masuk ke command prompt dan berada pada drive C.
12. ketik dir kemudian ketik cd files untuk masuk ke directory files. Ketik dir lagi untuk melihat isi directory files.

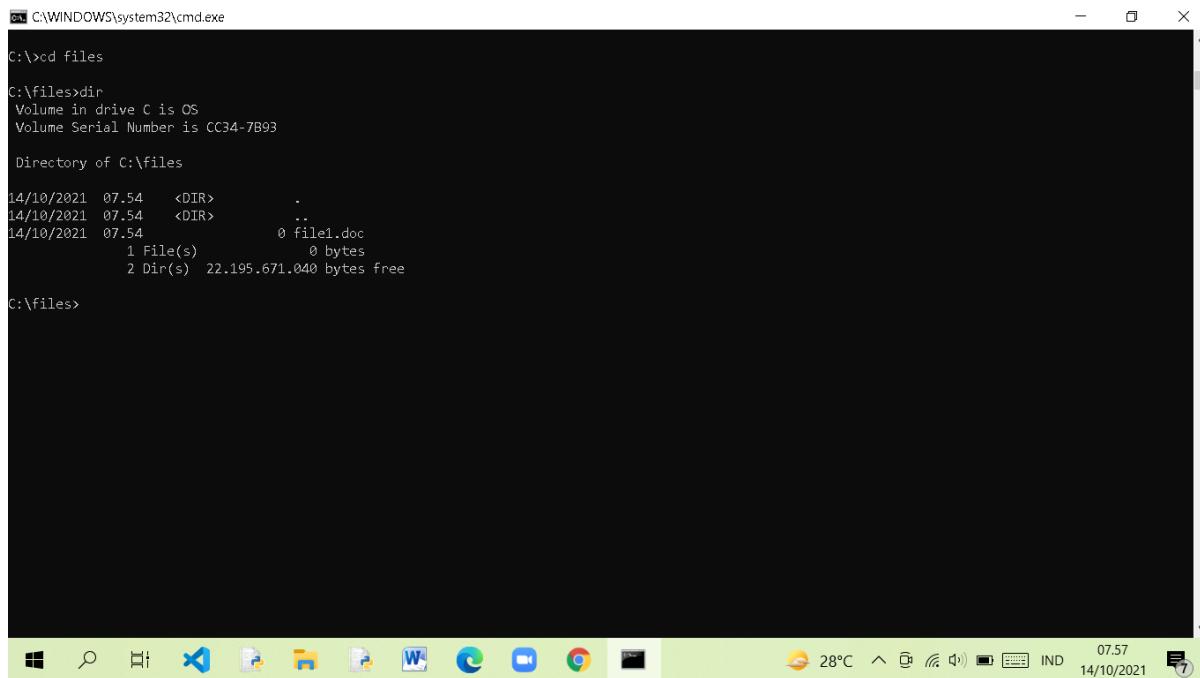
```
C:\WINDOWS\system32\cmd.exe
      91 Dir(s)  22.230.470.656 bytes free
C:\Windows>cd/
C:\>cd files
C:\files>cd/
C:\>dir
 Volume in drive C is OS
 Volume Serial Number is CC34-7B93

 Directory of C:\

09/02/2018 23.00    <DIR>      eSupport
14/10/2021  07.54    <DIR>      files
31/08/2021 10.06    <DIR>      KMPlayer
04/10/2021 19.35    <DIR>      OS
29/06/2020 19.33    <DIR>      output
07/12/2019 16.14    <DIR>      PerfLogs
22/09/2021 11.30    <DIR>      Program Files
12/09/2021  05.18    <DIR>      Program Files (x86)
20/02/2021 12.14    <DIR>      Python27
24/06/2019 12.20    <DIR>      test-KEYB+LCD+CAM
11/09/2021 14.27    <DIR>      Users
01/10/2021 15.47    <DIR>      Windows
24/09/2021 15.11    <DIR>      Windows.old
11/09/2021 10.56    <DIR>      Windows10Upgrade
          0 File(s)           0 bytes
        14 Dir(s)  22.195.605.504 bytes free

C:\>cd files
C:\files>dir
```

The screenshot shows a terminal window with a black background and white text. It displays a directory listing for the 'files' folder on drive C. The listing includes subfolders like 'eSupport', 'files', 'KMPlayer', 'OS', 'output', 'PerfLogs', 'Program Files', 'Program Files (x86)', 'Python27', 'test-KEYB+LCD+CAM', 'Users', 'Windows', and 'Windows.old'. It also shows 'Windows10Upgrade'. The total size of the directory is 22.195.605.504 bytes free. The status bar at the bottom shows weather (28°C), date (14/10/2021), and time (07:57).



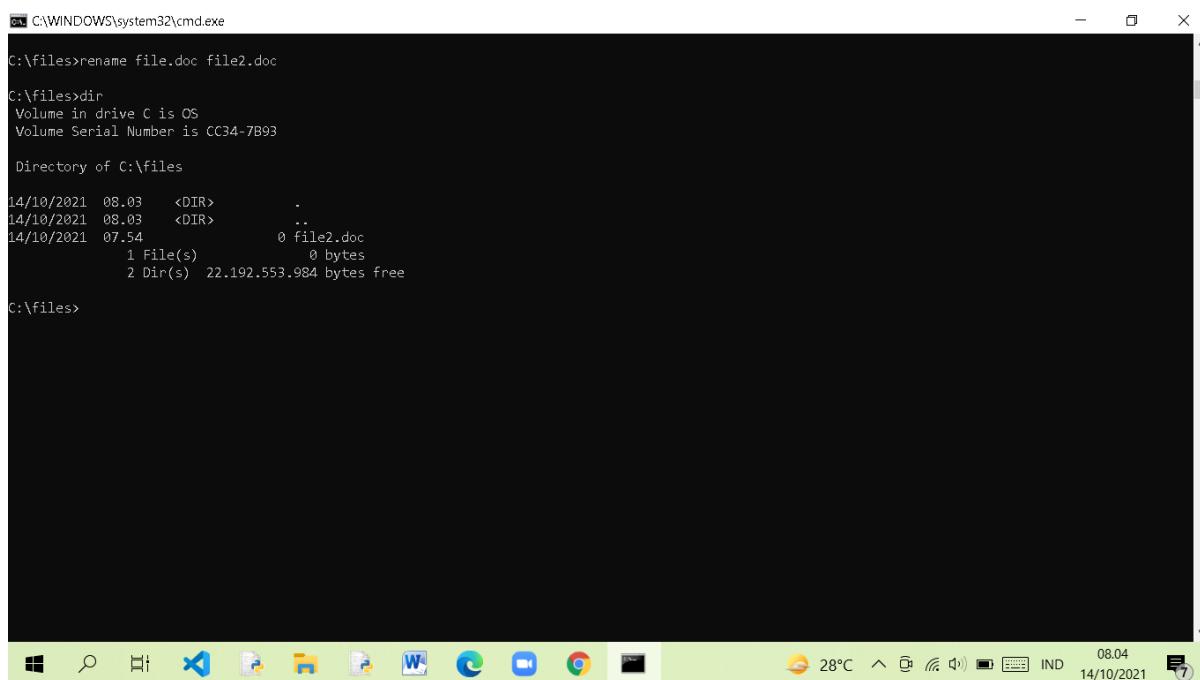
```
C:\>cd files
C:\files>dir
 Volume in drive C is OS
 Volume Serial Number is CC34-7B93

 Directory of C:\files

14/10/2021  07.54      <DIR>          .
14/10/2021  07.54      <DIR>          ..
14/10/2021  07.54                0 file1.doc
                           1 File(s)           0 bytes
                           2 Dir(s)  22.195.671.040 bytes free

C:\files>
```

13. ketik perintah ren file1.doc file.doc untuk mengubah nama file.
14. ketik perintah rename file.doc file2.doc untuk mengubah nama file.
15. ketik perintah dir untuk melihat directory files kemudian lihat perubahan file1.doc menjadi file.doc.



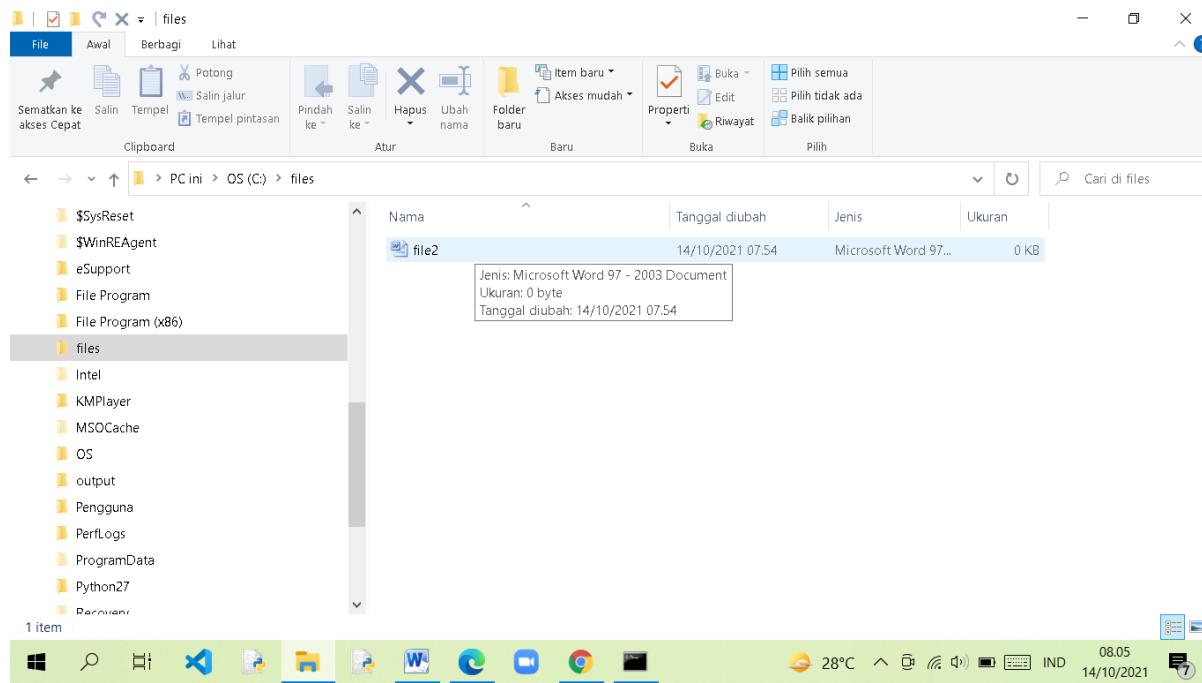
```
C:\>rename file.doc file2.doc
C:\files>dir
 Volume in drive C is OS
 Volume Serial Number is CC34-7B93

 Directory of C:\files

14/10/2021  08.03      <DIR>          .
14/10/2021  08.03      <DIR>          ..
14/10/2021  07.54                0 file2.doc
                           1 File(s)           0 bytes
                           2 Dir(s)  22.192.553.984 bytes free

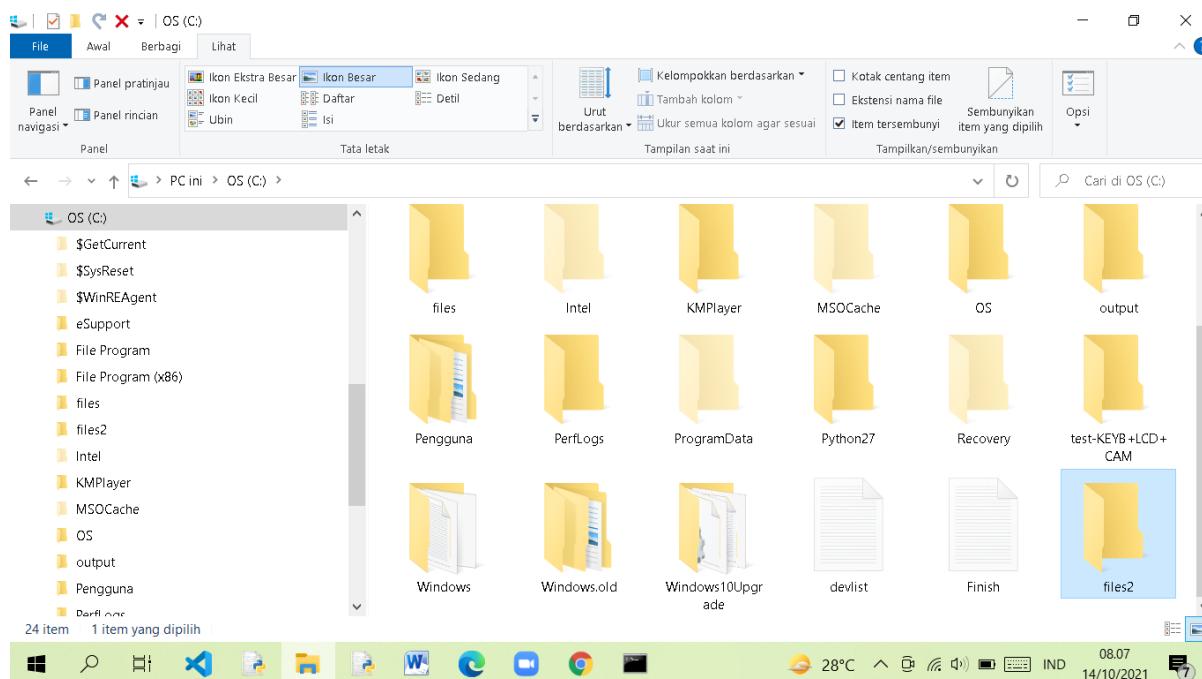
C:\files>
```

16. Sekarang lihatlah lewat windows explorer dan buka folder files, pastikan bahwa nama file1.doc telah berubah menjadi file2.doc.

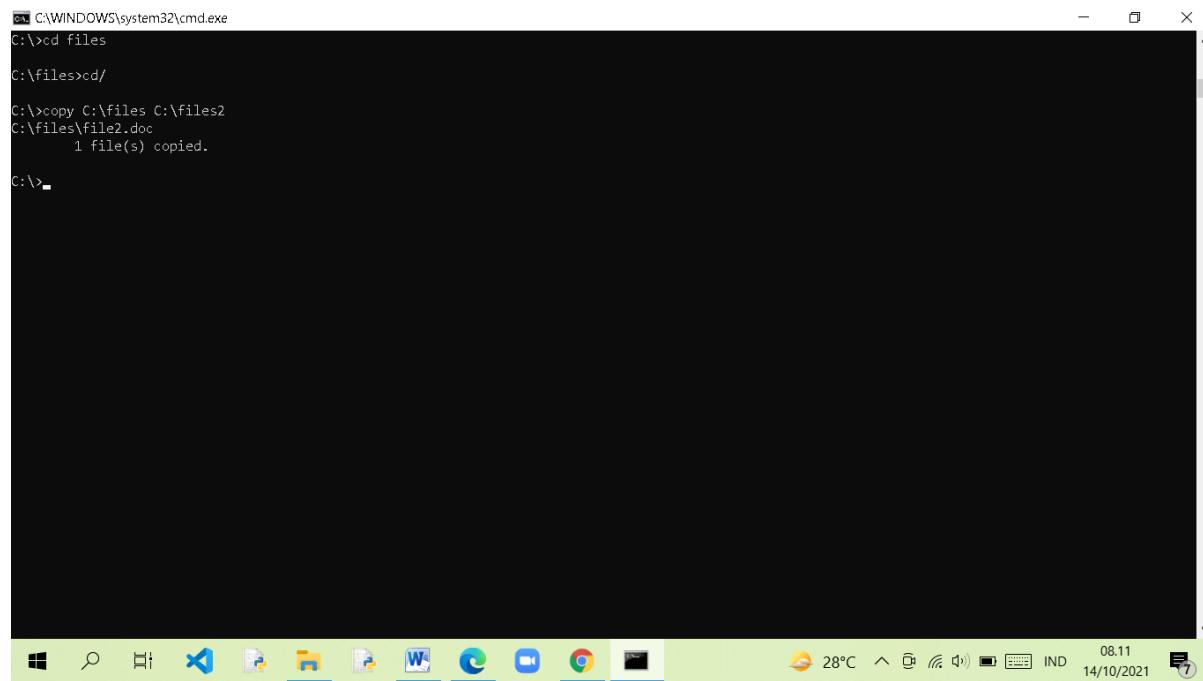


## ➤ Percobaan keempat : copy file dan menghapus file (copy, del, xcopy)

17. Ketik perintah cd.. untuk keluar dari directory files
18. buka windows explorer kemudian masuk ke drive C. buatlah folder baru dengan mengarahkan kursor ke daerah yang kosong kemudian klik kanan – new – folder, beri nama dengan “files2”



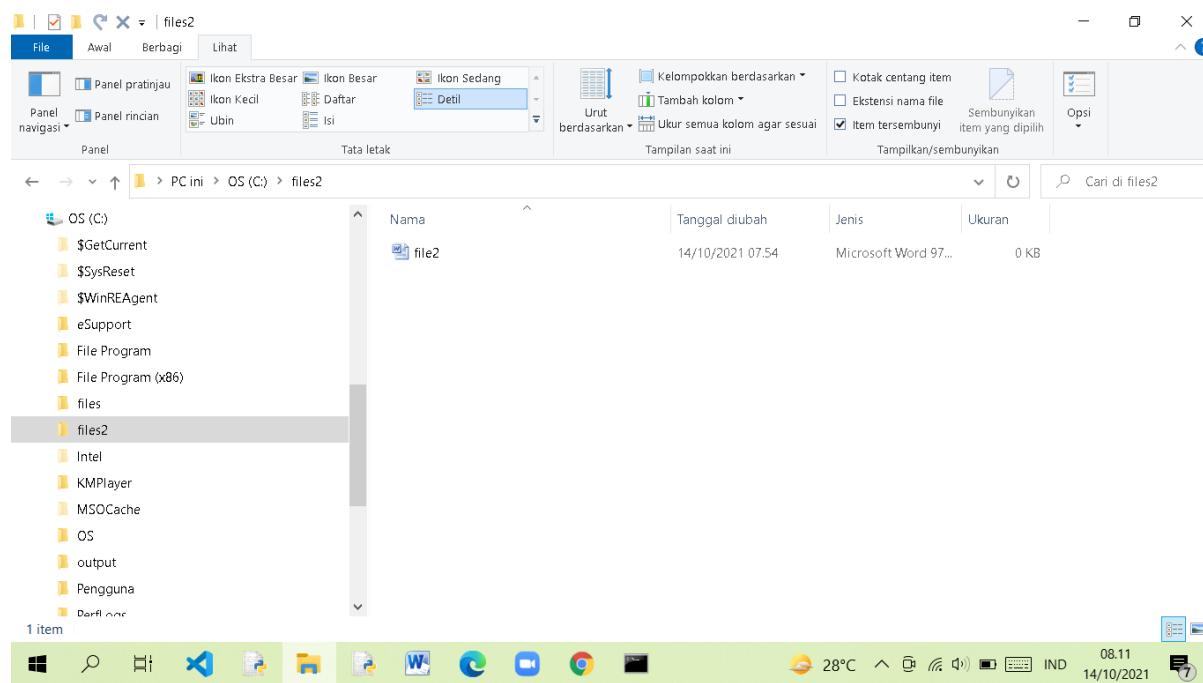
19. Kembali ke command prompt.
20. ketik perintah copy C:\files C:\files2 untuk mengcopy isi folder files ke folder files2.



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

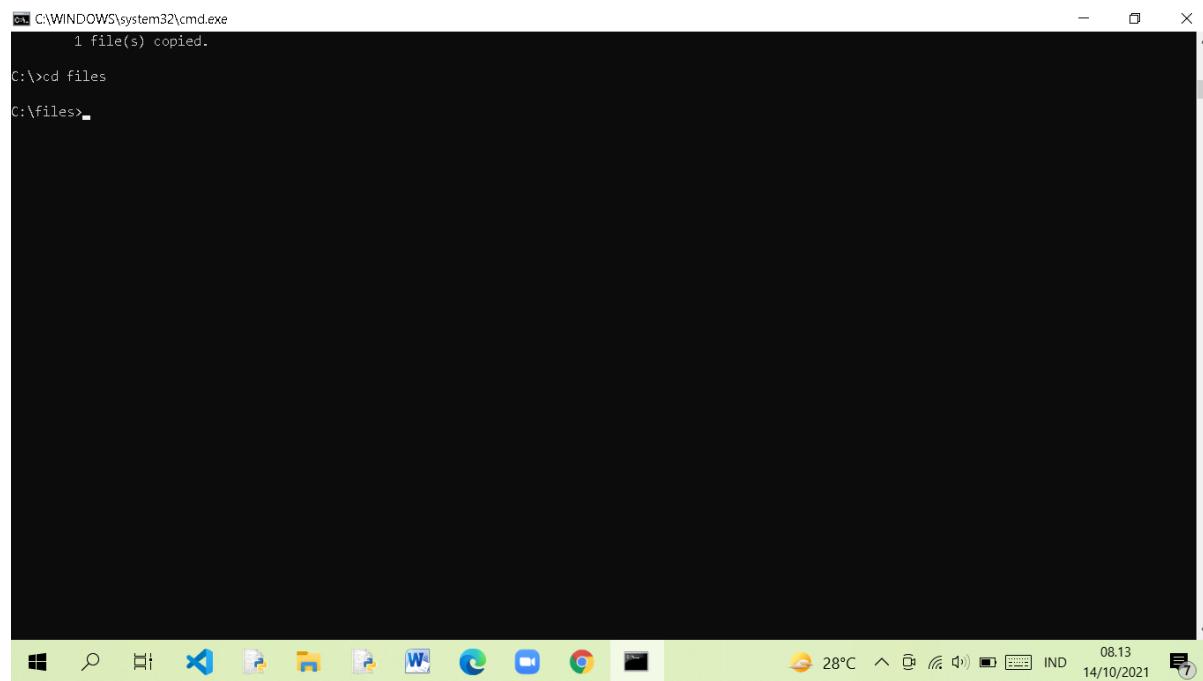
C:\>
```

21. buka windows explorer untuk memastikan isi folder files telah tercopy ke folder files2.



22. kembali ke command prompt.

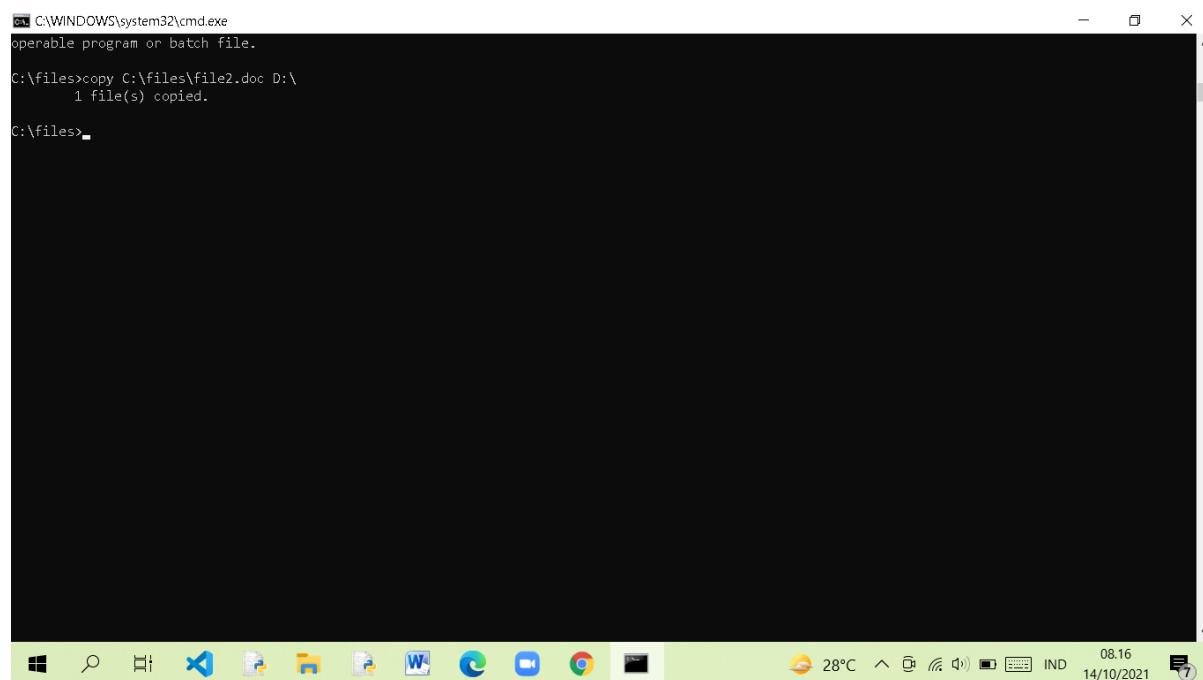
23. ketik perintah cd files untuk masuk ke directory files .



```
C:\WINDOWS\system32\cmd.exe
1 file(s) copied.

C:\>cd files
C:\files>
```

24. ketik perintah copy c:\files\file.doc d:\ untuk mengcopy file.doc ke drive D.



```
C:\WINDOWS\system32\cmd.exe
operable program or batch file.

C:\files>copy C:\files\file2.doc D:\
1 file(s) copied.

C:\files>
```

25. ketik perintah D: untuk pindah ke drive D kemudian ketik perintah dir untuk melihat isi drive D dan pastikan bahwa file.doc telah tercopy.

```

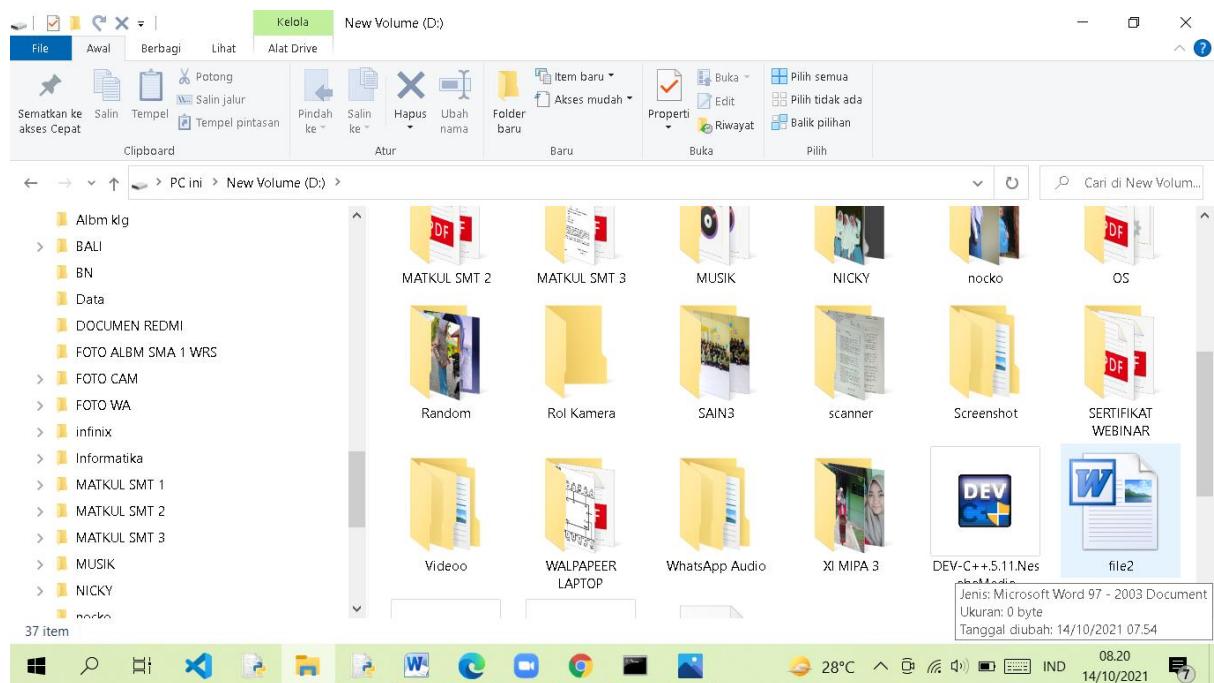
C:\WINDOWS\system32\cmd.exe
28 Dir(s) 138.952.990.720 bytes free

D:\>dir
Volume in drive D is New Volume
Volume Serial Number is 56F1-A22B

Directory of D:\

16/12/2020 08.12 <DIR> Agu sep 20
23/05/2021 18.11 <DIR> Albm klg
24/03/2021 09.03 <DIR> BALI
05/10/2020 17.59 <DIR> BN
03/08/2021 20.11 <DIR> Camera Roll
18/01/2021 12.20 <DIR> Data
19/06/2020 03.21 50.433.966 DEV-C++.5.11.NesabaMedia.exe
03/08/2021 19.28 <DIR> DOCUMENT REDMI
14/10/2021 07.54 0 file2.doc
27/06/2021 10.06 <DIR> FOTO ALBM SMA 1 WRS

```



26. ketik C: untuk kembali ke directory awal kemudian ketik perintah cd.. untuk masuk drive C.
27. ketik del files untuk menghapus file yang terdapat pada directory files kemudian tekan yes.

C:\WINDOWS\system32\cmd.exe

```
C:\files>cd/
C:\>del files
C:\files\*, Are you sure (Y/N)? Y
C:\>
```

Windows taskbar icons: File Explorer, Task View, Edge, File Explorer, Word, Excel, Powerpoint, Google Chrome, File Explorer, File Explorer.

System tray: 28°C, 8.22, 14/10/2021, IND.

28. ketik perintah cd documents and settings untuk masuk ke folder users.
29. ketik perintah cd asus untuk masuk ke folder asus.
30. ketik perintah xcopy desktop D:baru\ /s/e untuk mengcopy isi file kemudian membuat folder baru dan meletakkan isi copyan ke folder baru yang terdapat pada directory files ke drive d. Kemudian tekan a.

C:\WINDOWS\system32\cmd.exe

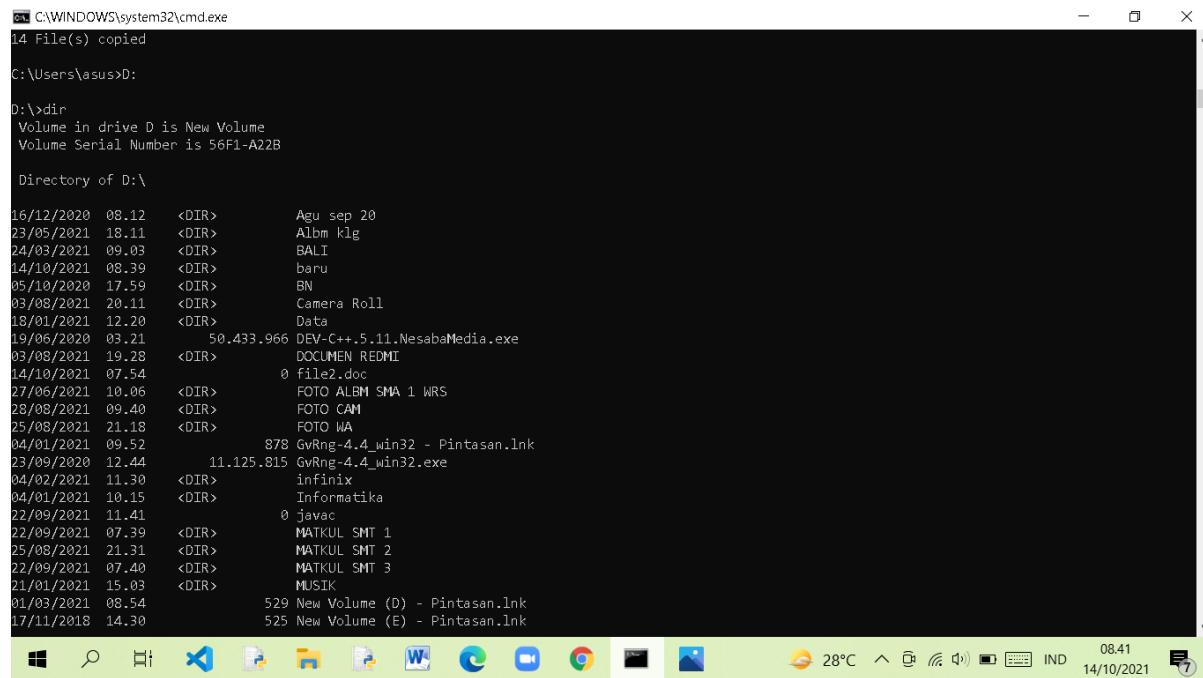
```
C:\Documents and Settings>cd\
C:\>cd users
C:\Users>cd asus
C:\Users\asus>xcopy desktop D:baru\ /s/e
desktop\Eclipse IDE for Java Developers - 2021-09.lnk
desktop\Google Chrome.lnk
desktop\GVRng.lnk
desktop\Keyboard Test Portable.exe
desktop\KMPlayer.lnk
desktop\Microsoft Excel 2010.lnk
desktop\Microsoft PowerPoint 2010.lnk
desktop\Microsoft Word 2010.lnk
desktop\New WinRAR archive.rar
desktop\PhotoScape.lnk
desktop\Photoshop CS4.lnk
desktop\python.exe
desktop\Spotify.lnk
desktop\Zoom.lnk
14 File(s) copied
C:\Users\asus>
```

Windows taskbar icons: File Explorer, Task View, Edge, File Explorer, Word, Excel, Powerpoint, Google Chrome, File Explorer, File Explorer.

System tray: 28°C, 8.40, 14/10/2021, IND.

31. ketik perintah d: untuk masuk ke drive D.

32. ketik perintah dir untuk melihat directory.



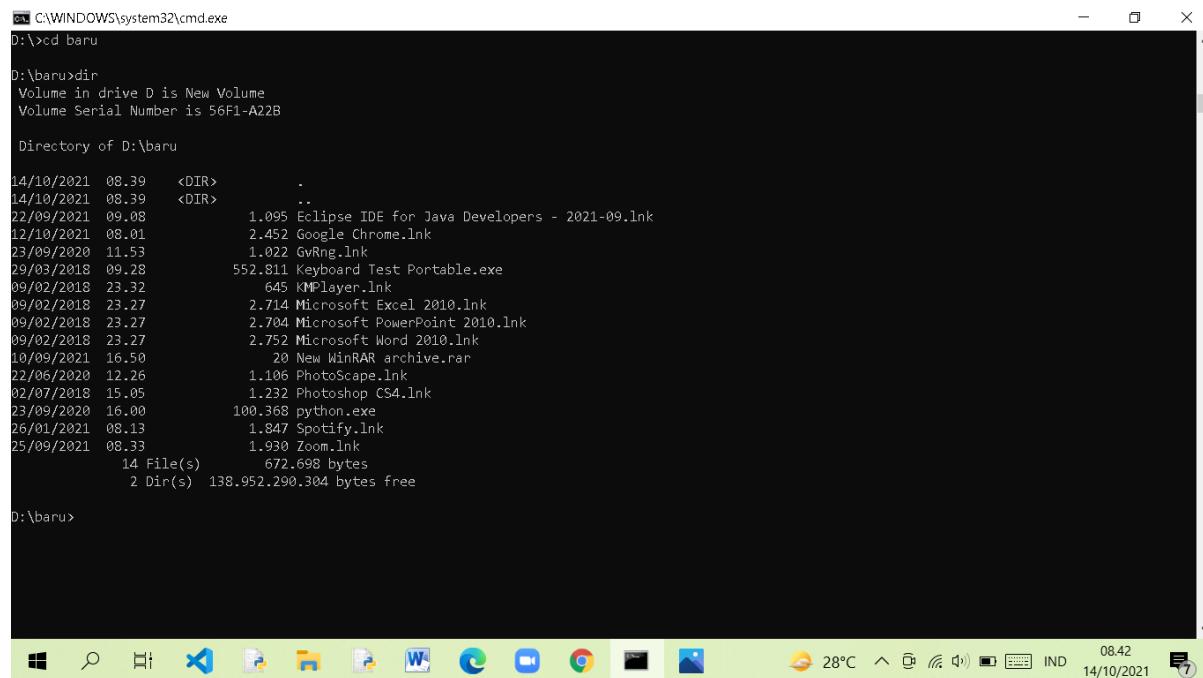
```
C:\WINDOWS\system32\cmd.exe
14 File(s) copied
C:\Users\asus>D:
D:\>dir
 Volume in drive D is New Volume
 Volume Serial Number is 56F1-A22B

 Directory of D:\

16/12/2020  08.12    <DIR>      Agu sep 20
23/05/2021  18.11    <DIR>      Albm klg
24/03/2021  09.03    <DIR>      BALI
14/10/2021  08.39    <DIR>      baru
05/10/2020  17.59    <DIR>      BN
03/08/2021  20.11    <DIR>      Camera Roll
18/01/2021  12.20    <DIR>      Data
19/06/2020  03.21    50.433.966  DEV-C++.5.11.NesabaMedia.exe
03/08/2021  19.28    <DIR>      DOCUMEN REDMI
14/10/2021  07.54    0 file2.doc
27/06/2021  10.06    <DIR>      FOTO ALBM SMA 1 WRS
28/08/2021  09.40    <DIR>      FOTO CAM
25/08/2021  21.18    <DIR>      FOTO WA
04/01/2021  09.52    878 GvRng-4.4_win32 - Pintasan.lnk
23/09/2020  12.44    11.125.815  GvRng-4.4_win32.exe
04/02/2021  11.30    <DIR>      infinix
04/01/2021  10.15    <DIR>      Informatika
22/09/2021  11.41    0 javac
22/09/2021  07.39    <DIR>      MATKUL SMT 1
25/08/2021  21.31    <DIR>      MATKUL SMT 2
22/09/2021  07.40    <DIR>      MATKUL SMT 3
21/01/2021  15.03    <DIR>      MUSIK
01/03/2021  08.54    529 New Volume (D) - Pintasan.lnk
17/11/2018  14.30    525 New Volume (E) - Pintasan.lnk
```

33. ketik perintah cd baru.

34. ketik perintah dir untuk melihat isi directory baru.



```
C:\WINDOWS\system32\cmd.exe
D:\>cd baru
D:\baru>dir
 Volume in drive D is New Volume
 Volume Serial Number is 56F1-A22B

 Directory of D:\baru

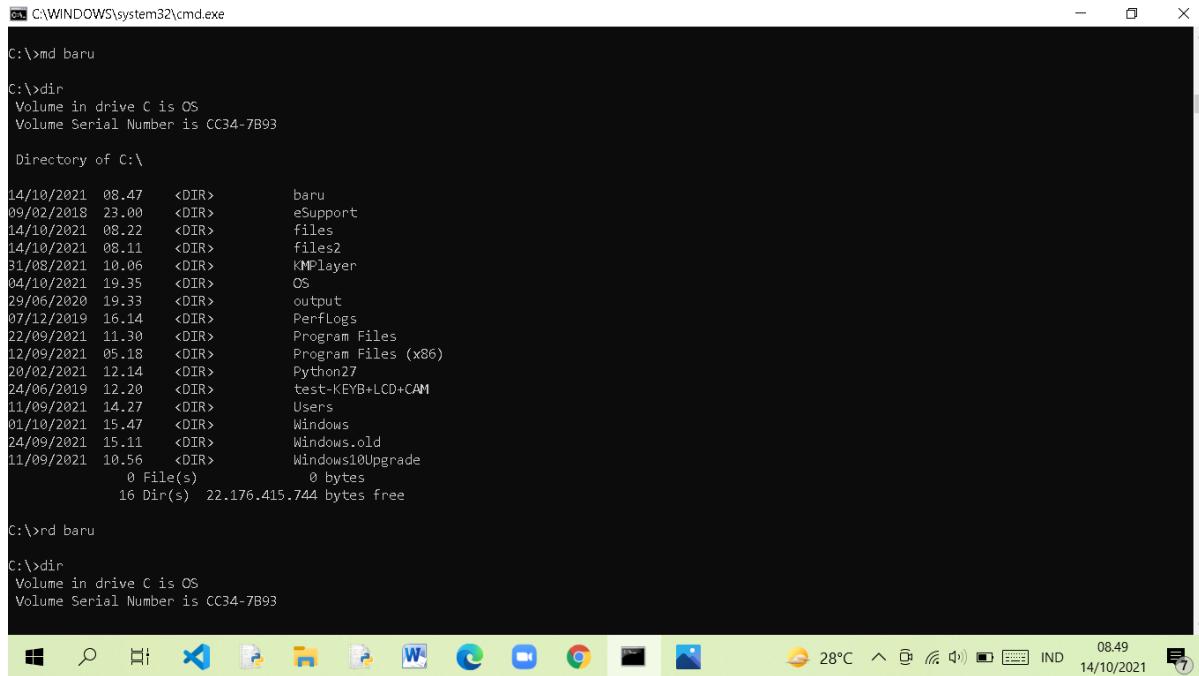
14/10/2021  08.39    <DIR>      .
14/10/2021  08.39    <DIR>      ..
22/09/2021  09.08    1.095 Eclipse IDE for Java Developers - 2021-09.lnk
12/10/2021  08.01    2.452 Google Chrome.lnk
23/09/2020  11.53    1.022 GvRng.lnk
29/03/2018  09.28    552.811 Keyboard Test Portable.exe
09/02/2018  23.32    645 KMPlayer.lnk
09/02/2018  23.27    2.714 Microsoft Excel 2010.lnk
09/02/2018  23.27    2.704 Microsoft PowerPoint 2010.lnk
09/02/2018  23.27    2.752 Microsoft Word 2010.lnk
10/09/2021  16.50    20 New WinRAR archive.rar
22/06/2020  12.26    1.106 PhotoScape.lnk
02/07/2018  15.05    1.232 Photoshop CS4.lnk
23/09/2020  16.00    100.368 python.exe
26/01/2021  08.13    1.847 Spotify.lnk
25/09/2021  08.33    1.930 Zoom.lnk
14 File(s)          672.698 bytes
2 Dir(s)           138.952.290.304 bytes free

D:\baru>
```

➤ Percobaan kelima: membuat dan menghapus directory (md, rd, mkdir, rmdir)

35. ketik perintah c: untuk kembali ke folder awal .

36. ketik perintah cd.. kemudian cd.. lagi untuk berada pada drive c.
37. ketik perintah md baru untuk membuat directory/folder yang bernama “baru”.
38. ketik perintah dir untuk melihat isi directory files.



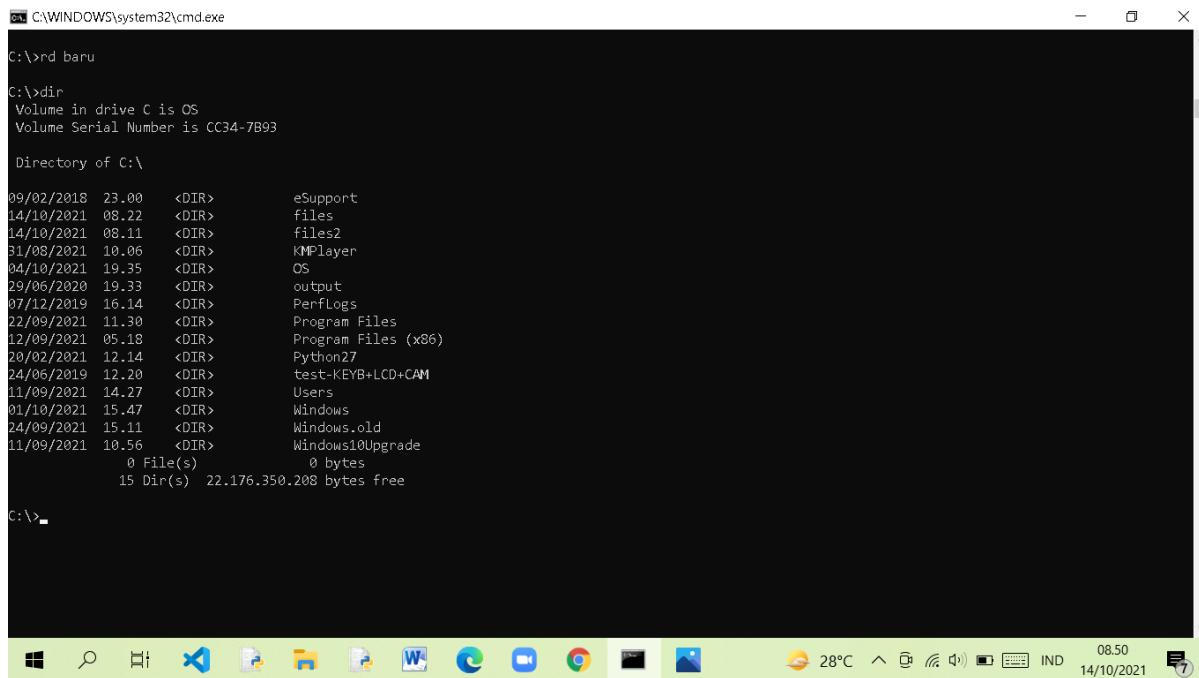
```
C:\>md baru
C:\>dir
Volume in drive C is OS
Volume Serial Number is CC34-7B93

Directory of C:\

14/10/2021  08.47    <DIR>        baru
09/02/2018  23.00    <DIR>        eSupport
14/10/2021  08.22    <DIR>        files
14/10/2021  08.11    <DIR>        files2
31/08/2021  10.06    <DIR>        KMPlayer
04/10/2021  19.35    <DIR>        OS
29/06/2020  19.33    <DIR>        output
07/12/2019  16.14    <DIR>        PerfLogs
22/09/2021  11.30    <DIR>        Program Files
12/09/2021  05.18    <DIR>        Program Files (x86)
20/02/2021  12.14    <DIR>        Python27
24/06/2019  12.20    <DIR>        test-KEYB+LCD+CAM
11/09/2021  14.27    <DIR>        Users
01/10/2021  15.47    <DIR>        Windows
24/09/2021  15.11    <DIR>        Windows.old
11/09/2021  10.56    <DIR>        Windows10Upgrade
                           0 File(s)          0 bytes
                           16 Dir(s)  22.176.415.744 bytes free

C:\>rd baru
C:\>dir
Volume in drive C is OS
Volume Serial Number is CC34-7B93
```

39. ketik perintah rd baru untuk menghapus directory baru .
40. ketik perintah dir untuk melihat directory files sekarang.



```
C:\>rd baru
C:\>dir
Volume in drive C is OS
Volume Serial Number is CC34-7B93

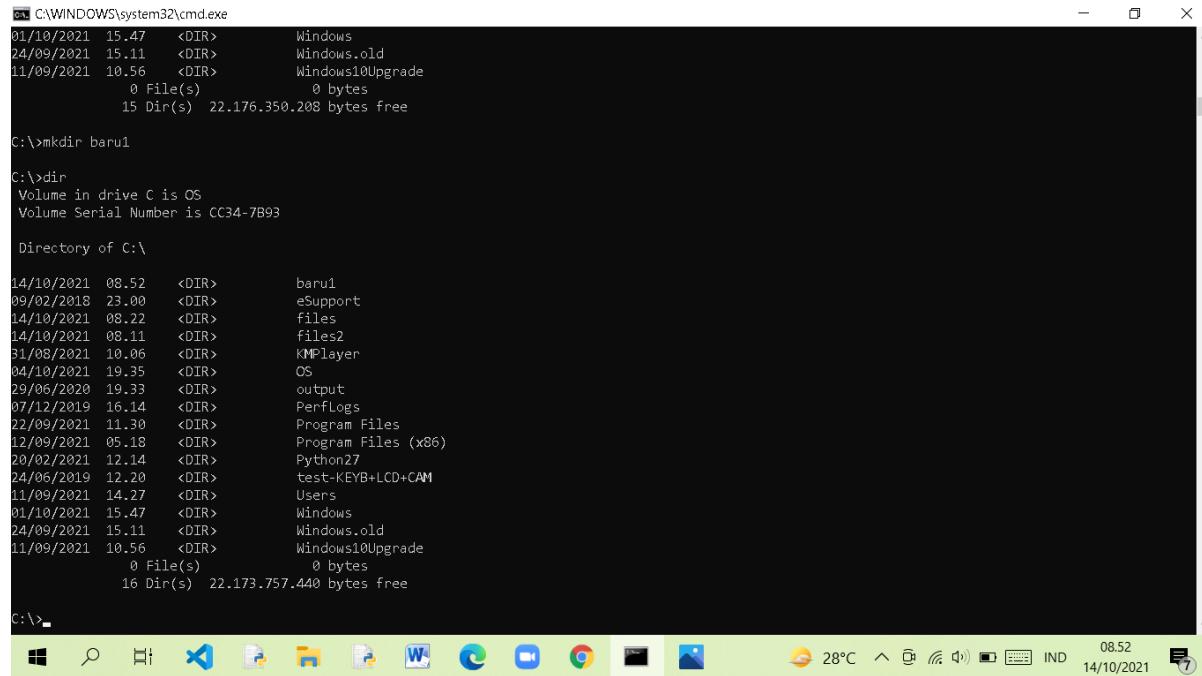
Directory of C:\

09/02/2018  23.00    <DIR>        eSupport
14/10/2021  08.22    <DIR>        files
14/10/2021  08.11    <DIR>        files2
31/08/2021  10.06    <DIR>        KMPlayer
04/10/2021  19.35    <DIR>        OS
29/06/2020  19.33    <DIR>        output
07/12/2019  16.14    <DIR>        PerfLogs
22/09/2021  11.30    <DIR>        Program Files
12/09/2021  05.18    <DIR>        Program Files (x86)
20/02/2021  12.14    <DIR>        Python27
24/06/2019  12.20    <DIR>        test-KEYB+LCD+CAM
11/09/2021  14.27    <DIR>        Users
01/10/2021  15.47    <DIR>        Windows
24/09/2021  15.11    <DIR>        Windows.old
11/09/2021  10.56    <DIR>        Windows10Upgrade
                           0 File(s)          0 bytes
                           15 Dir(s)  22.176.350.208 bytes free

C:\>
```

41. ketik perintah mkdir baru1 untuk membuat directory/ folder yang bernama “baru1”.

42. ketik perintah dir untuk melihat isi dari directory files.



```
C:\>dir
Volume in drive C is OS
Volume Serial Number is CC34-7B93

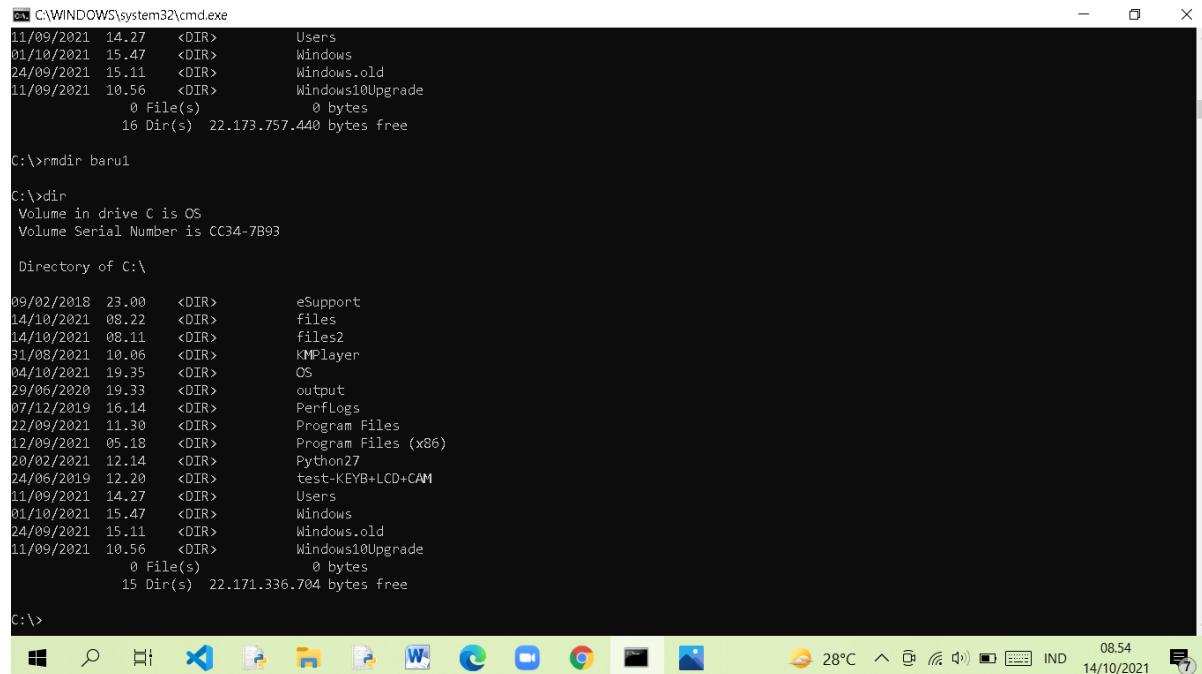
Directory of C:\

14/10/2021  08.52    <DIR>        baru1
09/02/2018  23.00    <DIR>        eSupport
14/10/2021  08.22    <DIR>        files
14/10/2021  08.11    <DIR>        files2
31/08/2021  10.06    <DIR>        KMPlayer
04/10/2021  19.35    <DIR>        OS
29/06/2020  19.33    <DIR>        output
07/12/2019  16.14    <DIR>        PerfLogs
22/09/2021  11.30    <DIR>        Program Files
12/09/2021  05.18    <DIR>        Program Files (x86)
20/02/2021  12.14    <DIR>        Python27
24/06/2019  12.20    <DIR>        test-KEYB+LCD+CAM
11/09/2021  14.27    <DIR>        Users
01/10/2021  15.47    <DIR>        Windows
24/09/2021  15.11    <DIR>        Windows.old
11/09/2021  10.56    <DIR>        Windows10Upgrade
          0 File(s)           0 bytes
16 Dir(s)  22.173.757.440 bytes free

C:\>
```

43. ketik perintah rmdir baru1 untuk melihat isi directory files.

44. ketik perintah dir untuk melihat isi dari directory files.



```
C:\>rmdir baru1
C:\>dir
Volume in drive C is OS
Volume Serial Number is CC34-7B93

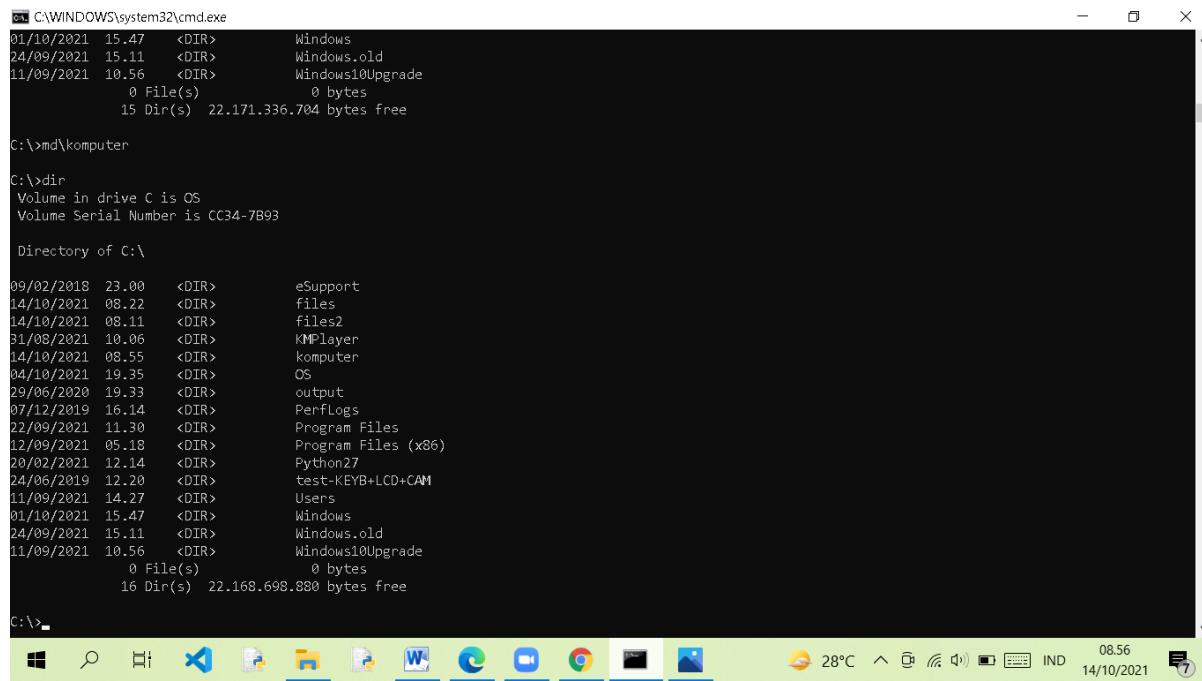
Directory of C:\

09/02/2018  23.00    <DIR>        eSupport
14/10/2021  08.22    <DIR>        files
14/10/2021  08.11    <DIR>        files2
31/08/2021  10.06    <DIR>        KMPlayer
04/10/2021  19.35    <DIR>        OS
29/06/2020  19.33    <DIR>        output
07/12/2019  16.14    <DIR>        PerfLogs
22/09/2021  11.30    <DIR>        Program Files
12/09/2021  05.18    <DIR>        Program Files (x86)
20/02/2021  12.14    <DIR>        Python27
24/06/2019  12.20    <DIR>        test-KEYB+LCD+CAM
11/09/2021  14.27    <DIR>        Users
01/10/2021  15.47    <DIR>        Windows
24/09/2021  15.11    <DIR>        Windows.old
11/09/2021  10.56    <DIR>        Windows10Upgrade
          0 File(s)           0 bytes
15 Dir(s)  22.171.336.704 bytes free

C:\>
```

45. ketik perintah md \komputer untuk membuat folder bernama komputer didalam drive C.

46. ketik perintah dir untuk mengecek folder yang telah dibuat.



```
C:\WINDOWS\system32\cmd.exe
01/10/2021 15.47 <DIR> Windows
24/09/2021 15.11 <DIR> Windows.old
11/09/2021 10.56 <DIR> Windows10Upgrade
    0 File(s)      0 bytes
    15 Dir(s) 22.171.336.704 bytes free

C:\>md\komputer

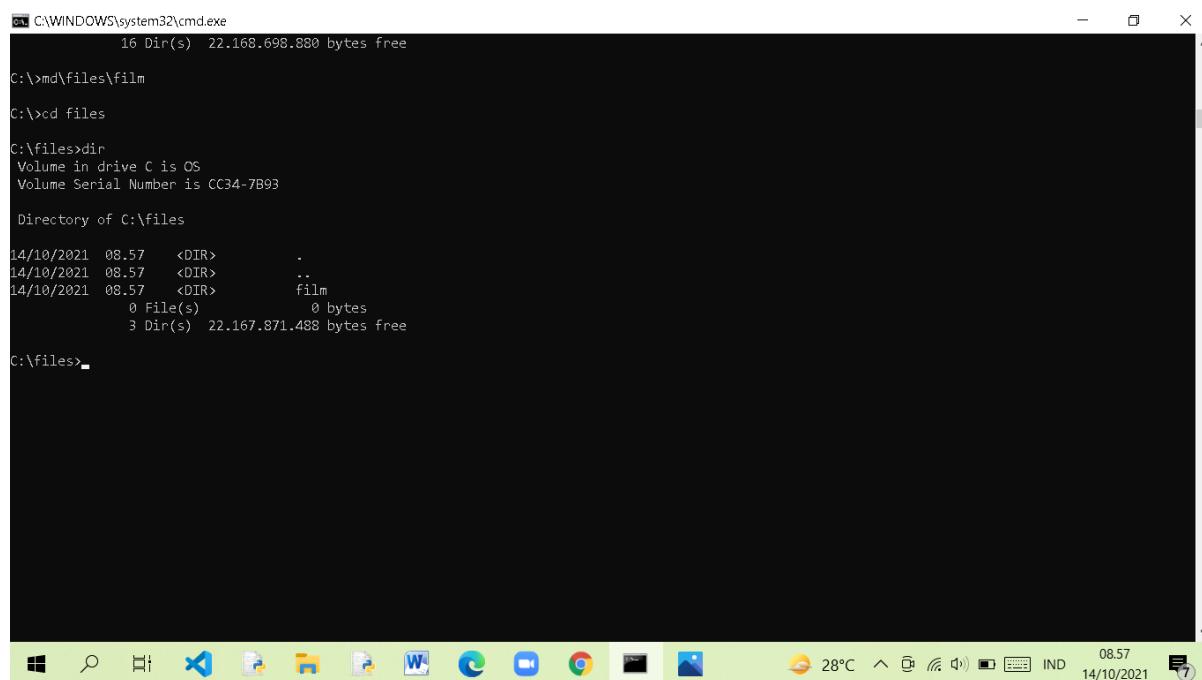
C:\>dir
Volume in drive C is OS
Volume Serial Number is CC34-7B93

Directory of C:\

09/02/2018 23.00 <DIR> eSupport
14/10/2021 08.22 <DIR> files
14/10/2021 08.11 <DIR> files2
31/08/2021 10.06 <DIR> KMPlayer
14/10/2021 08.55 <DIR> komputer
04/10/2021 19.35 <DIR> OS
29/06/2020 19.33 <DIR> output
07/12/2019 16.14 <DIR> PerfLogs
22/09/2021 11.30 <DIR> Program Files
12/09/2021 05.18 <DIR> Program Files (x86)
20/02/2021 12.14 <DIR> Python27
24/06/2019 12.20 <DIR> test-KEYB+LCD+CAM
11/09/2021 14.27 <DIR> Users
01/10/2021 15.47 <DIR> Windows
24/09/2021 15.11 <DIR> Windows.old
11/09/2021 10.56 <DIR> Windows10Upgrade
    0 File(s)      0 bytes
    16 Dir(s) 22.168.698.880 bytes free

C:\>
```

47. ketik perintah md \files\film untuk membuat folder bernama film didalam folder files.
48. ketik cd files untuk masuk ke dalam directory files kemudian ketik perintah dir untuk melihat isi dari directory files.



```
C:\WINDOWS\system32\cmd.exe
16 Dir(s) 22.168.698.880 bytes free

C:\>md\files\film

C:\>cd files

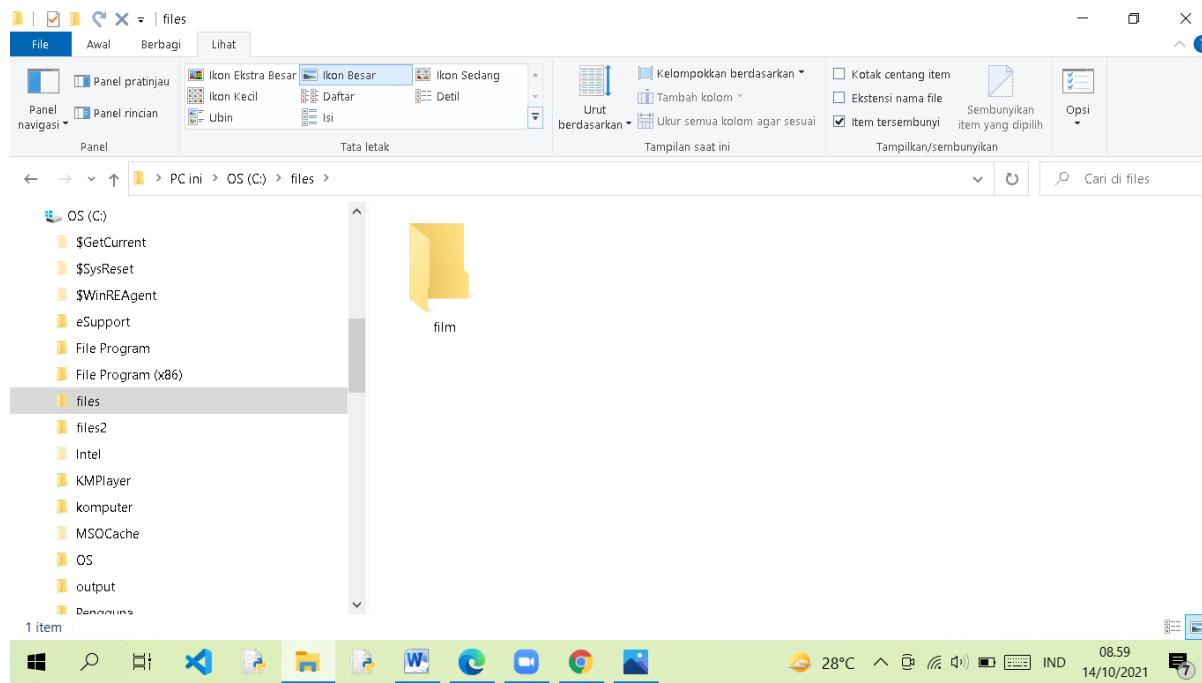
C:\files>dir
Volume in drive C is OS
Volume Serial Number is CC34-7B93

Directory of C:\files

14/10/2021 08.57 <DIR> .
14/10/2021 08.57 <DIR> ..
14/10/2021 08.57 <DIR> film
    0 File(s)      0 bytes
    3 Dir(s) 22.167.871.488 bytes free

C:\files>
```

49. ketik perintah exit untuk keluar dari command prompt.
50. buka windows explorer untuk melihat hasilnya.



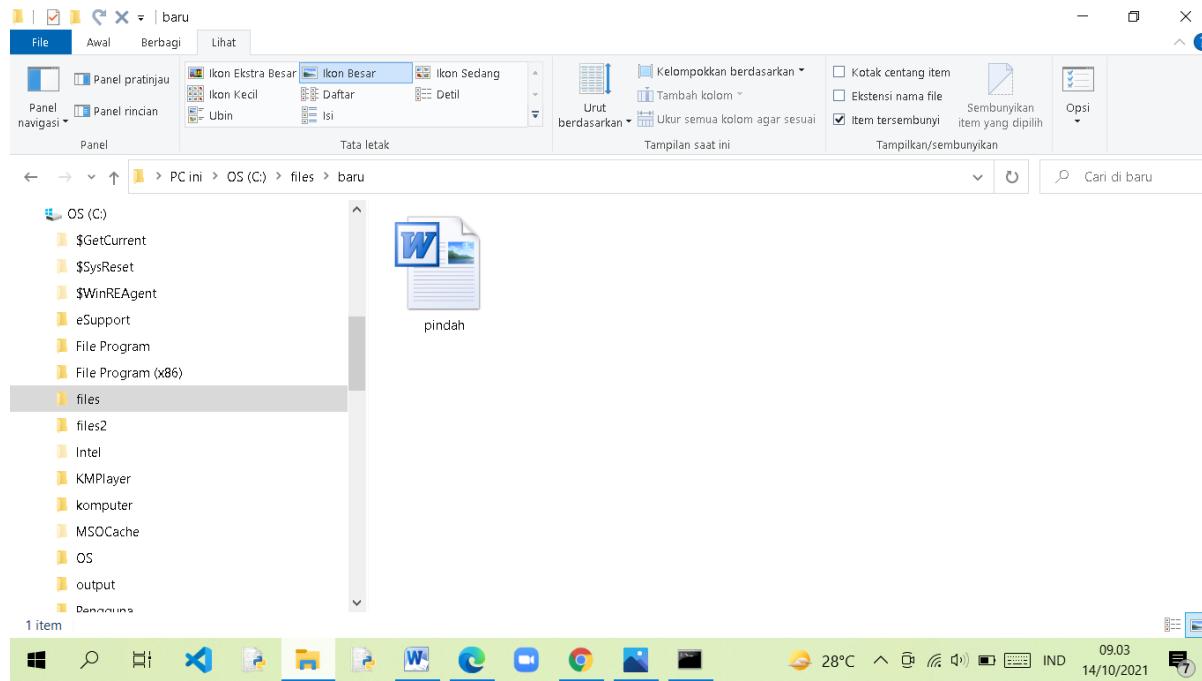
➤ Percobaan keenam : memindahkan file dan menampilkan isi folder secara terstruktur (move, tree)

51. Ulangi langkah 1 dan 5 sampai berapa pada drive c.

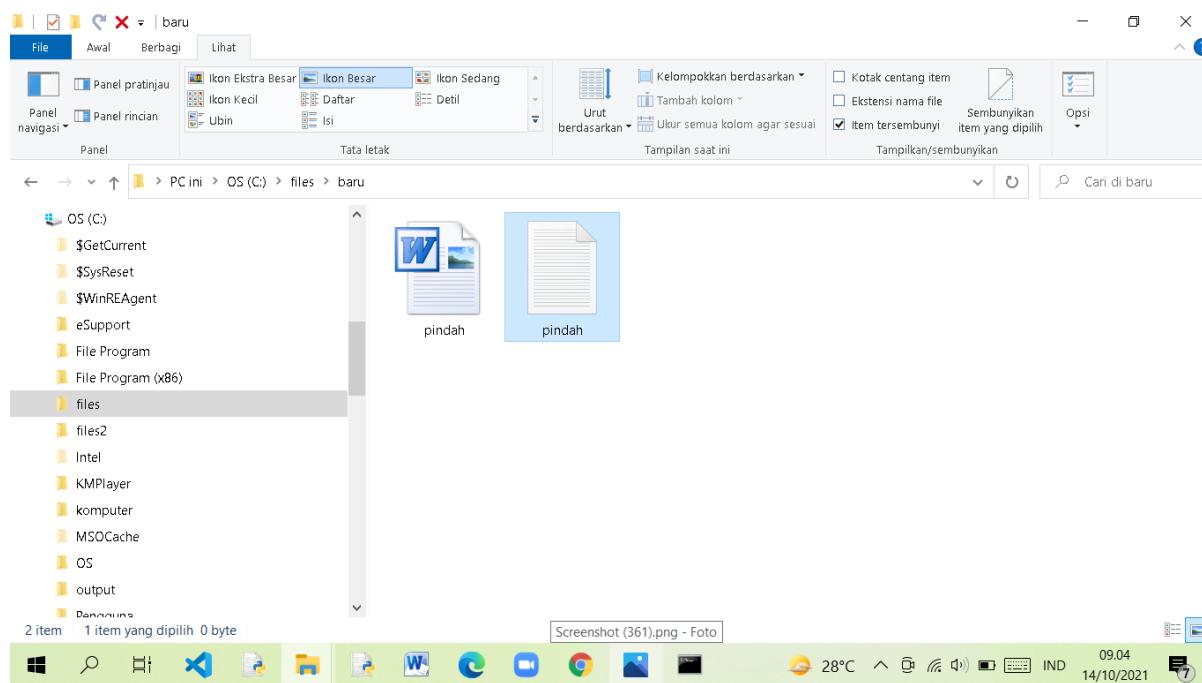
```
C:\WINDOWS\system32\cmd.exe
Microsoft Windows [Version 10.0.19042.1165]
(c) Microsoft Corporation. All rights reserved.

C:\Users\asus>cd/
C:\>
```

52. buka windows explorer kemudian masuk ke C:\files\ baru. Arahkan kursor pada daerah yang kosong kemudian klik kanan - new – micorosoft word document. Beri nama dengan “pindah.doc”.



53. Arahkan kursor pada daerah yang kosong lagi kemudian klik kanan - new – text document. Beri nama dengan “pindah.txt”.



54. kembali ke command prompt .
55. ketik perintah move c:\files\baru\pindah.doc c:\files2 untuk memindah file pindah.doc ke folder files2.
56. ketik perintah move c:\files\baru\pindah.txt c:\files2 untuk memindah file pindah.txt ke folder files2.

```
C:\WINDOWS\system32\cmd.exe
Microsoft Windows [Version 10.0.19042.1165]
(c) Microsoft Corporation. All rights reserved.

C:\Users\asus>cd/
C:\>move C:\files\baru\pindah.doc C:\files2
1 file(s) moved.

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

C:\>
```

57. ketik perintah cd files2 untuk masuk ke directory files2 .
58. ketik perintah dir untuk melihat isi dari directory.

```
C:\WINDOWS\system32\cmd.exe
1 file(s) moved.

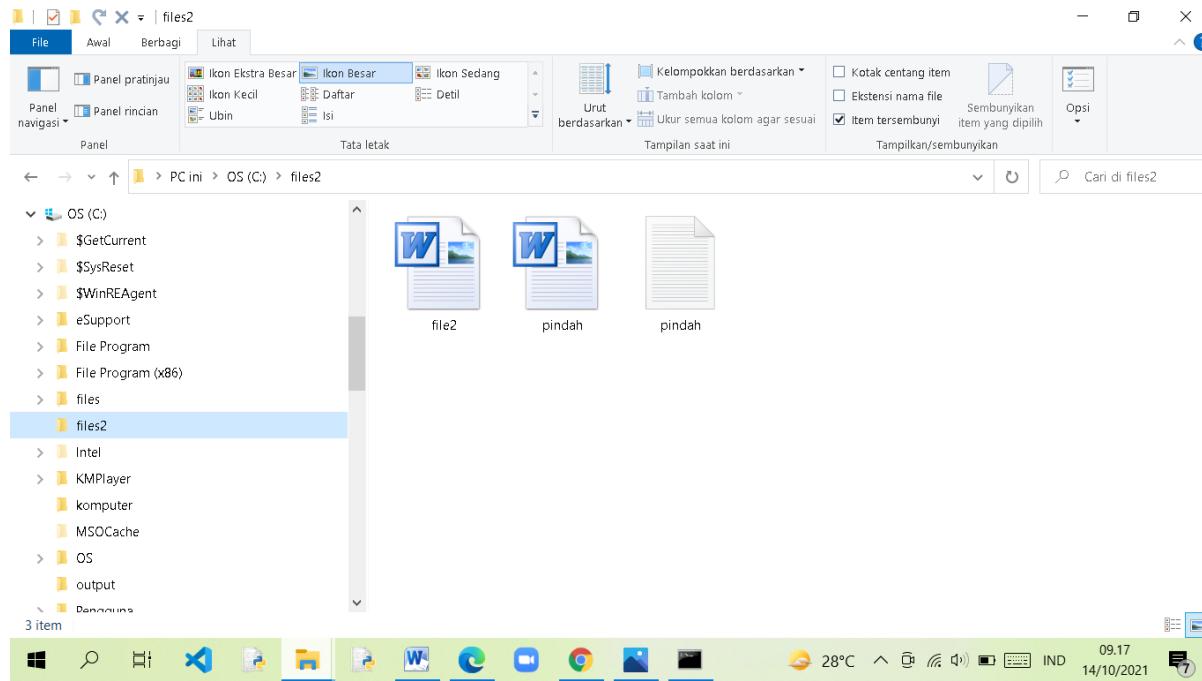
C:\>cd files2
C:\files2>dir
Volume in drive C is OS
Volume Serial Number is CC34-7B93

Directory of C:\files2

14/10/2021 09.15 <DIR> .
14/10/2021 09.15 <DIR> ..
14/10/2021 07.54 0 file2.doc
14/10/2021 09.02 0 pindah.doc
14/10/2021 09.04 0 pindah.txt
               3 File(s)          0 bytes
               2 Dir(s) 22.145.839.104 bytes free

C:\files2>
```

59. sekarang buka windows explorer untuk melihat hasilnya.



60. kembali ke command prompt .
61. ketik perintah cd.. untuk keluar dari directory files2
62. ketik tree c:\files untuk melihat isi folder files secara terstruktur.

```
C:\WINDOWS\system32\cmd.exe
C:\files2>cd/
C:\>tree C:\files
Folder PATH listing for volume OS
Volume serial number is CC34-7B93
C:\FILES
    |--baru
    |--film

C:\>
```

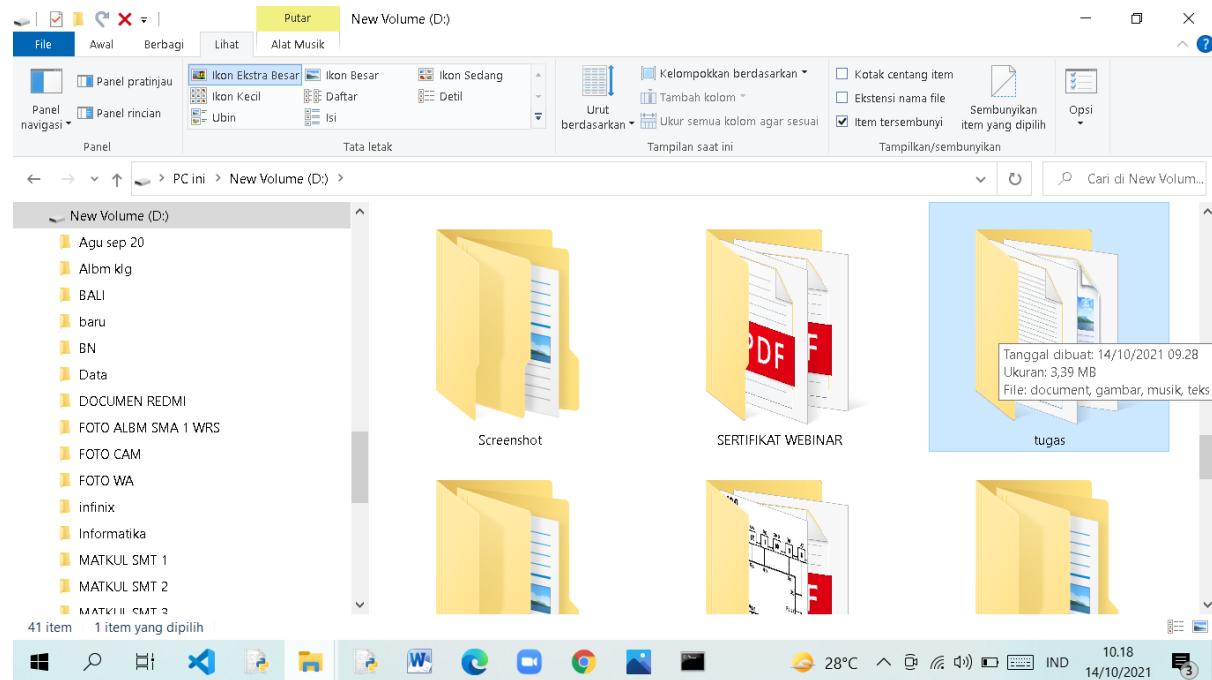
The screenshot shows a black Windows Command Prompt window. The user has entered the command 'tree C:\files'. The output shows a folder structure starting from 'C:\FILES' which contains two subfolders: 'baru' and 'film'. The command prompt prompt is 'C:\>'.

63. ketik tree c:\windows untuk melihat seluruh isi folder windows secara terstruktur.

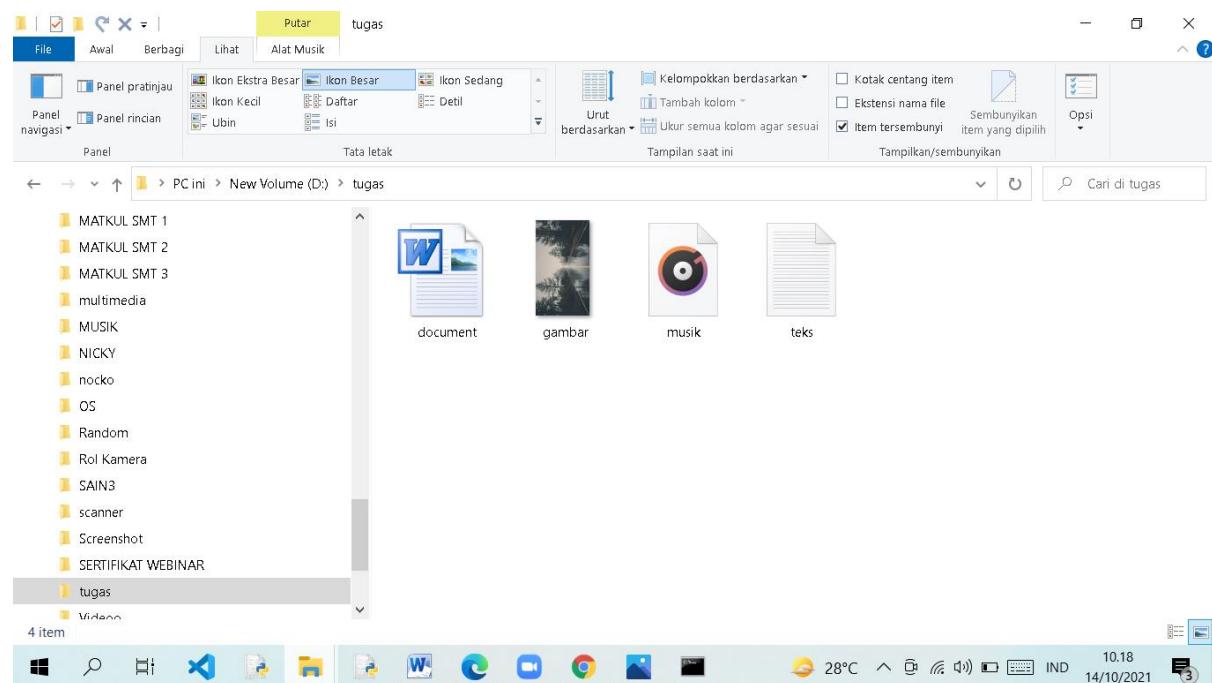
```
C:\ Select C:\WINDOWS\system32\cmd.exe - tree C:\windows
C:\Users\asus>cd/
C:\>tree C:\windows
Folder PATH listing for volume OS
Volume serial number is CC34-7B93
C:\WINDOWS
    addins
    appcompat
        appraiser
            AltData
                Telemetry
            encapsulation
            UA
        apppatch
            AppPatch64
            Custom
                Custom64
            CustomSDB
            en-US
        AppReadiness
        assembly
            GAC
                ADODB
                    7.0.3300.0_b03f5f7f11d50a3a
                Extensibility
                    7.0.3300.0_b03f5f7f11d50a3a
                Microsoft.mshtml
                    7.0.3300.0_b03f5f7f11d50a3a
                Microsoft.StdFormat
                    7.0.3300.0_b03f5f7f11d50a3a
                mscomctl
                    10.0.4504.0_31bf3856ad364e35
                MSDATASRC
                    7.0.3300.0_b03f5f7f11d50a3a
```

## ➤ Tugas

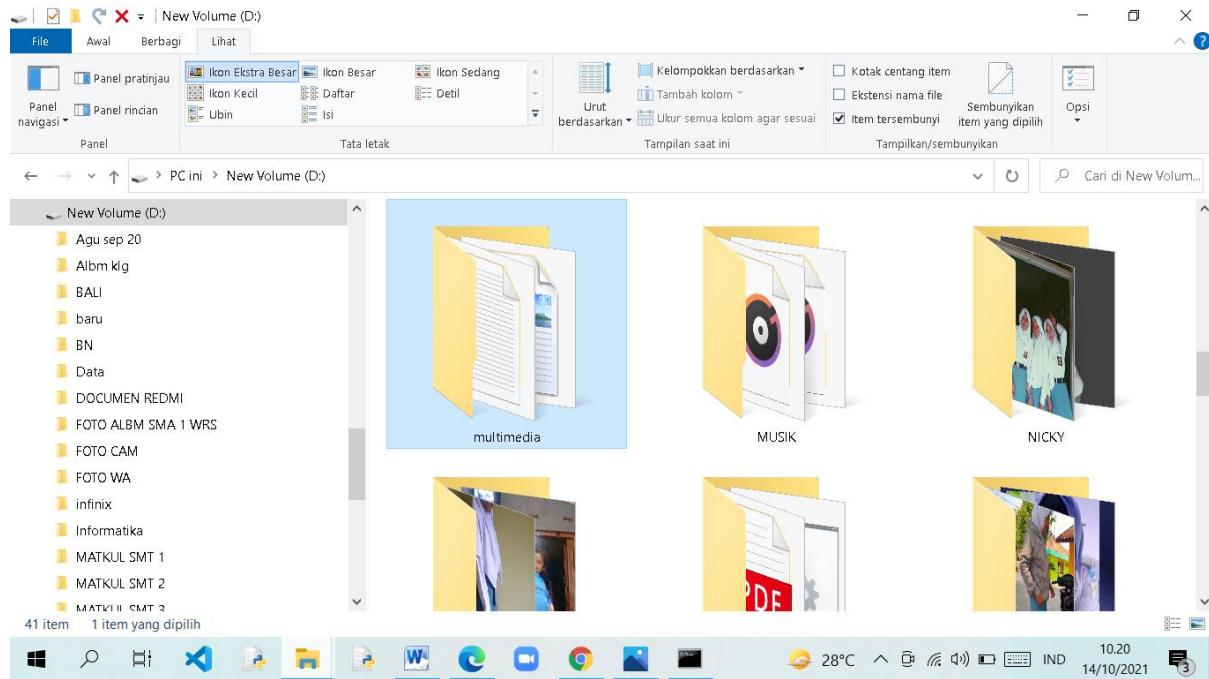
- Buatlah sebuah directory/folder yang bernama multimedia di drive D.
- Copykan 1 buah file musik (.mp3), gambar (.jpg), document (.doc), teks (.txt) ke dalam folder multimedia.
- Tuliskan langkah-langkahnya ke dalam laporan praktikum
  1. Membuka Windows Explorer lalu menuju ke Drive D.kemudian pada daerah yang kosong klik kanan >New Folder>,beri nama folder “tugas”.



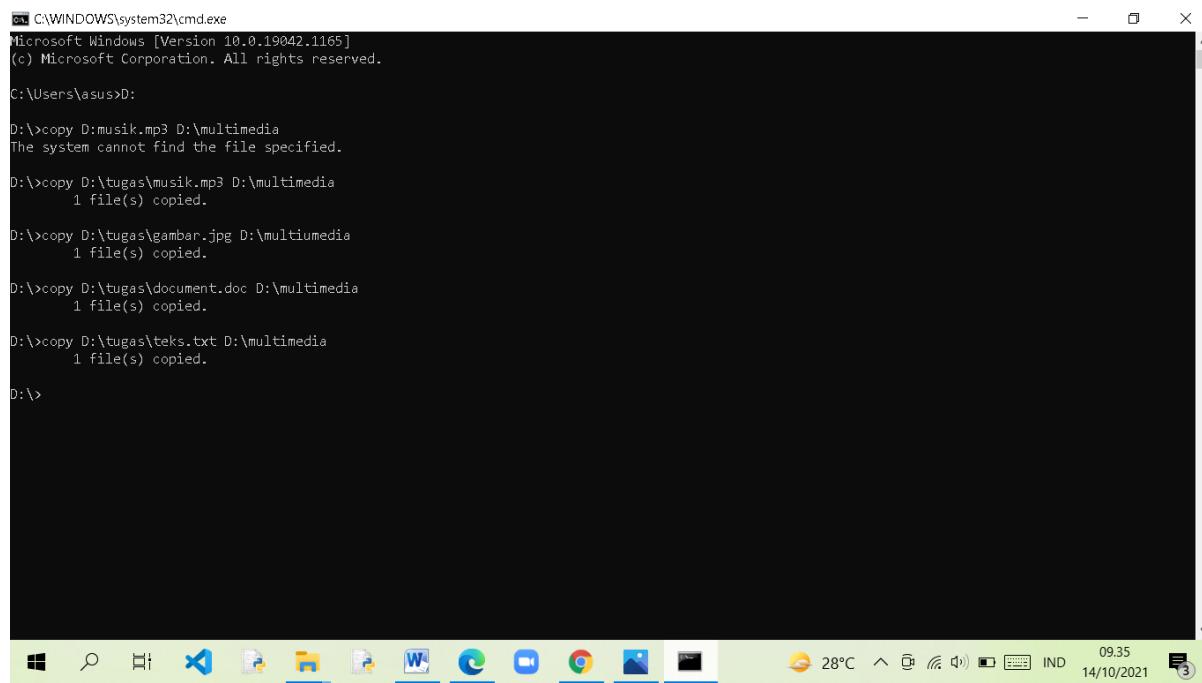
2. Kemudian masuk ke dalam folder tugas Arahkan kursor pada daerah yang kosong kemudian klik kanan - new – microsoft word document. Beri nama dengan “document.doc” .
3. Arahkan kursor pada daerah yang kosong lagi kemudian klik kanan - new – text document. Beri nama dengan “teks.txt”.
4. Kemudian menambahkan file musik.mp3 dan gambar.jpg(saya tambahkan kan dari folder lain).



- Selanjutnya Membuka Windows Explorer lalu menuju ke Drive D.kemudian pada daerah yang kosong klik kanan >New Folder>,beri nama folder “multimedia”.



5. Membuka command prompt.
6. Pada jendela command prompt ketik “D:” untuk masuk ke drive D.
7. Ketikan perintah copy D:\tugas\musik.mp3 D:\multimedia untuk menyalin file musik.mp3 kedalam folder multimedia.
8. Ketikan perintah copy D:\tugas\gambar.jpg D:\multimedia untuk menyalin file gambar.jpg kedalam folder multimedia.
9. Ketikan perintah copy D:\tugas\document.doc D:\multimedia untuk menyalin file document.doc kedalam folder multimedia.
10. Ketikan perintah copy D:\tugas\teks.txt D:\multimedia untuk menyalin file teks.txt kedalam folder multimedia.



```
C:\WINDOWS\system32\cmd.exe
Microsoft Windows [Version 10.0.19042.1165]
(c) Microsoft Corporation. All rights reserved.

C:\Users\asus>D:

D:\>copy D:musik.mp3 D:\multimedia
The system cannot find the file specified.

D:\>copy D:\tugas\musik.mp3 D:\multimedia
1 file(s) copied.

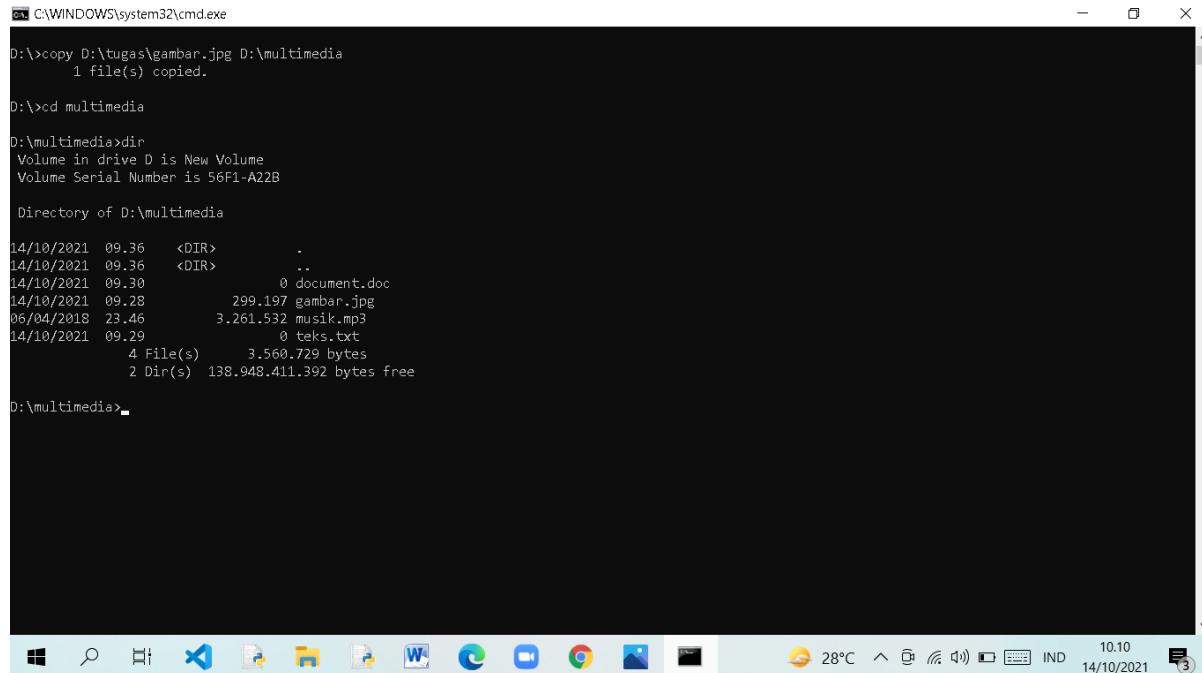
D:\>copy D:\tugas\gambar.jpg D:\multimedia
1 file(s) copied.

D:\>copy D:\tugas\document.doc D:\multimedia
1 file(s) copied.

D:\>copy D:\tugas\teks.txt D:\multimedia
1 file(s) copied.

D:\>
```

- 11.Kemudian masuk ke dalam folder multimedia dengan perintah “cd multimedia”
- 12.ketik perintah dir untuk melihat directory dari folder multimedia.



```
C:\WINDOWS\system32\cmd.exe
D:\>copy D:\tugas\gambar.jpg D:\multimedia
1 file(s) copied.

D:\>cd multimedia

D:\multimedia>dir
 Volume in drive D is New Volume
 Volume Serial Number is 56F1-A22B

 Directory of D:\multimedia

14/10/2021 09.36 <DIR> .
14/10/2021 09.36 <DIR> ..
14/10/2021 09.30 0 document.doc
14/10/2021 09.28 299.197 gambar.jpg
06/04/2018 23.46 3.261.532 musik.mp3
14/10/2021 09.29 0 teks.txt
14/10/2021 09.29 4 File(s) 3.560.729 bytes
14/10/2021 09.29 2 Dir(s) 138.948.411.392 bytes free

D:\multimedia>
```

- 13.Selanjutnya buka windows explorer untuk melihat hasilnya.

