

**PRAKTIKUM SISTEM OPERASI**

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



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## LANGKAH 1-2

```
Command Prompt
C:\Users\User>ver

Microsoft Windows [Version 10.0.19042.1586]

C:\Users\User>dir
Volume in drive C has no label.
Volume Serial Number is E28D-B425

Directory of C:\Users\User

07/10/2022  05:20  <DIR>      .
07/10/2022  05:20  <DIR>      ..
07/10/2022  05:20  <DIR>      .cache
07/10/2022  05:20  <DIR>      .eclipse
22/10/2021  14:20  <DIR>      .gnome2
22/10/2021  14:20          1.171  .gvnrgc
09/11/2021  23:00  <DIR>      .idlerc
07/10/2022  01:25  <DIR>      .m2
02/07/2022  17:26  <DIR>      .ms-ad
20/09/2022  12:54  <DIR>      .nbi
07/10/2022  10:53  <DIR>      .p2
20/09/2022  12:55  <DIR>      .VirtualBox
19/10/2021  16:39  <DIR>      .vscode
07/04/2022  04:14  <DIR>      3D Objects
09/03/2022  21:21  <DIR>      Alice3
07/04/2022  04:14  <DIR>      Contacts
06/04/2022  22:44  <DIR>      Documents
09/10/2022  16:57  <DIR>      Downloads
07/10/2022  01:36  <DIR>      eclipse
07/10/2022  05:22  <DIR>      eclipse-workspace
07/04/2022  04:14  <DIR>      Favorites
19/05/2022  22:30  <DIR>      greenfoot
22/10/2021  14:20  <DIR>      GvR
16/09/2022  22:36          319  gvr_stderr.log
16/09/2022  22:36          596  gvr_stdout.log
07/04/2022  04:14  <DIR>      Links
16/09/2022  22:56  <DIR>      Music
06/10/2022  08:08  <DIR>      OneDrive
14/04/2022  11:54  <DIR>      Pictures
14/01/2022  19:14          0  python
07/04/2022  04:14  <DIR>      Saved Games
```

Activate Windows  
Go to Settings to activate Windows.

## LANGKAH 3-6

```
Command Prompt
C:\Users\User>cd..
C:\Users>cd..
C:\>dir
Volume in drive C has no label.
Volume Serial Number is E28D-B425

Directory of C:\

12/08/2022  19:21  <DIR>      cgi-bin
08/09/2022  19:48  <DIR>      eclipse
20/09/2022  10:30          309.865.828  eclipse-java-2022-09-R-win32-x86_64.zip
22/04/2017  00:21  <DIR>      fab
03/11/2021  23:21  <DIR>      LDPlayer
14/01/2022  23:48  <DIR>      modul 12
20/09/2022  12:50  <DIR>      OS
20/09/2022  12:51  <DIR>      PBO
29/09/2022  23:42  <DIR>      PBO1
07/12/2019  16:14  <DIR>      PerfLogs
09/10/2022  16:23  <DIR>      Program Files
08/07/2022  20:40  <DIR>      Program Files (x86)
03/11/2021  21:24  <DIR>      Riot Games
07/04/2022  04:08  <DIR>      Users
18/04/2022  22:46  <DIR>      UTS_Victor Gallant Smart_L200210155
18/04/2022  22:48          1.597.544  UTS_Victor Gallant Smart_L200210155.rar
20/09/2022  10:21          111.569.920  VirtualBox-6.1.38-153438-Win.exe
27/09/2022  18:26  <DIR>      Windows
          3 File(s)      423.033.292 bytes
          15 Dir(s)    37.370.261.504 bytes free

C:\>cd windows
C:\Windows>
```

Activate Windows  
Go to Settings to activate Windows.

## LANGKAH 7

```
Command Prompt - dir /p
C:\Windows>dir /p
Volume in drive C has no label.
Volume Serial Number is E28D-B425

Directory of C:\Windows

27/09/2022 18:26 <DIR> .
27/09/2022 18:26 <DIR> ..
04/10/2022 11:49 <DIR> AAct_Tools
07/12/2019 16:51 <DIR> addins
08/04/2022 09:18 <DIR> appcompat
07/04/2022 19:01 <DIR> apppatch
08/10/2022 21:15 <DIR> AppReadiness
07/04/2022 04:09 <DIR> assembly
07/04/2022 19:01 <DIR> bcastdvr
07/04/2022 18:55      81.408 bfsvc.exe
07/12/2019 16:31 <DIR> Boot
07/12/2019 16:14 <DIR> Branding
07/04/2022 04:15 <DIR> CbsTemp
07/04/2022 04:10      762 comsetup.log
07/12/2019 17:16 <DIR> Containers
20/10/2021 06:11 <DIR> CSC
07/12/2019 16:14 <DIR> Cursors
07/04/2022 22:00 <DIR> debug
07/04/2022 04:14      7.623 diagerr.xml
07/12/2019 16:31 <DIR> diagnostics
07/04/2022 19:01 <DIR> DiagTrack
07/04/2022 04:14      7.623 diagwrm.xml
07/12/2019 16:50 <DIR> DigitalLocker
03/12/2021 15:24      559 DirectX.log
07/12/2019 16:17      776 DtcInstall.log
07/04/2022 19:01 <DIR> en-US
07/04/2022 18:55 4.967.688 explorer.exe
07/12/2019 16:14 <DIR> GameBarPresenceWriter
07/12/2019 16:31 <DIR> Globalization
07/12/2019 16:50 <DIR> Help
07/04/2022 18:57 1.075.712 HelpPane.exe
07/12/2019 16:09      18.432 hh.exe
07/12/2019 16:31 <DIR> IdentityCRL
07/04/2022 19:01 <DIR> IME

Activate Windows
Go to Settings to activate Windows.
```

## LANGKAH 8-9

```
Command Prompt
C:\Windows>dir /w
Volume in drive C has no label.
Volume Serial Number is E28D-B425

Directory of C:\Windows

[.]                [AAct_Tools]          [addins]            [appcompat]          [apppatch]          [AppReadiness]
[assembly]         [bcastdvr]           [bfsvc.exe]         [Branding]           [CbsTemp]           [comsetup.log]
[containers]       [CSC]               [Cursors]          [debug]              [diagerr.xml]       [Diagnostics]
[diagwrm.xml]      [DigitalLocker]      [DirectX.log]       [DtcInstall.log]     [en-US]             [DiagTrack]
[Globalization]    [Help]              [HelpPane.exe]     [hh.exe]             [IdentityCRL]       [explorer.exe]
[INF]              [InputMethod]       [L2Schemas]        [LiveKernelReports] [Logs]              [GameBarPresenceWriter]
[Migration]        [ModemLogs]         [notepad.exe]      [OCR]                [Offline Web Pages] [ImmersiveControlPanel]
[PFR0.log]         [PLA]               [PolicyDefinitions] [Prefetch]           [PrintDialog]       [IME]
[py.exe]           [pyshellexst.amd64.dll] [pyw.exe]          [regedit.exe]        [Registration]       [mib.bin]
[Resources]        [SchCache]          [schemas]          [security]            [ServiceProfiles]   [Panther]
[Setup]            [setupact.log]       [setuperr.log]     [ShellComponents]    [ServiceState]      [Professional.xml]
[Speech]           [Speech_OneCore]     [splwow64.exe]     [System]              [ShellExperiences] [RemotePackages]
[SystemResources]  [SystemTemp]         [SysWow64]         [TAPI]                [system.ini]         [rescache]
[tracing]          [twain_32]          [twain_32.dll]     [vgkbootstatus.dat] [Tasks]              [ServiceState]
[win.ini]          [WindowsUpdate.log] [winhlp32.exe]     [WinSxS]              [Vss]                [SKB]
                  28 File(s)          9.310.779 bytes
                  76 Dir(s) 37.369.364.488 bytes free

C:\Windows>dir /a
Volume in drive C has no label.
Volume Serial Number is E28D-B425

Directory of C:\Windows

27/09/2022 18:26 <DIR> .
27/09/2022 18:26 <DIR> ..
04/10/2022 11:49 <DIR> AAct_Tools
07/12/2019 16:51 <DIR> addins
08/04/2022 09:18 <DIR> appcompat
07/04/2022 19:01 <DIR> apppatch
08/10/2022 21:15 <DIR> AppReadiness
07/04/2022 04:09 <DIR> assembly
07/04/2022 19:01 <DIR> bcastdvr
07/04/2022 18:55      81.408 bfsvc.exe

Activate Windows
Go to Settings to activate Windows.
```

## LANGKAH 10-12

```
Command Prompt

C:\>dir
Volume in drive C has no label.
Volume Serial Number is E28D-B425

Directory of C:\

12/08/2022  19:21  <DIR>          cgi-bin
08/09/2022  19:48  <DIR>          eclipse
20/09/2022  10:30      309.865.828 eclipse-java-2022-09-R-win32-x86_64.zip
22/04/2017   00:21  <DIR>          fab
09/10/2022  19:56  <DIR>          files
03/11/2021  23:21  <DIR>          LDPlayer
14/01/2022  23:48  <DIR>          modul 12
20/09/2022  12:50  <DIR>          OS
20/09/2022  12:51  <DIR>          P80
29/09/2022  23:42  <DIR>          P801
07/12/2019  16:14  <DIR>          PerfLogs
09/10/2022  16:23  <DIR>          Program Files
08/07/2022  20:40  <DIR>          Program Files (x86)
03/11/2021  21:24  <DIR>          Riot Games
07/04/2022  04:08  <DIR>          Users
18/04/2022  22:46  <DIR>          UTS_Victor Gallant Smart_L200210155
20/09/2022  10:21      111.569.920 VirtualBox-6.1.38-153438-Win.exe
27/09/2022  18:26  <DIR>          Windows
                2 File(s)      421.435.748 bytes
                16 Dir(s)  37.976.727.552 bytes free

C:\>cd files

C:\files>dir
Volume in drive C has no label.
Volume Serial Number is E28D-B425

Directory of C:\files

09/10/2022  19:56  <DIR>          .
09/10/2022  19:56  <DIR>          ..
09/10/2022  19:56      0 file1.docx
                1 File(s)      0 bytes
                2 Dir(s)  37.975.998.464 bytes free
```

## LANGKAH 13-15

```
Command Prompt

C:\files>ren file1.docx file.docx
C:\files>rename file.docx file2.docx

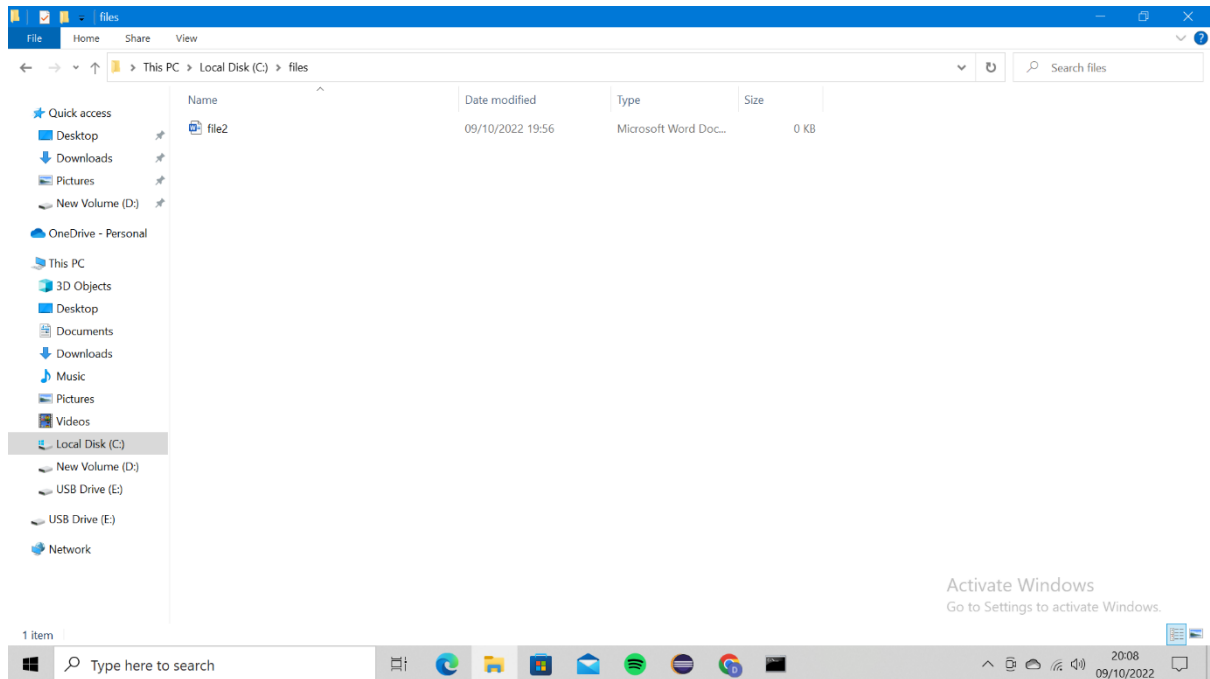
C:\files>dir
Volume in drive C has no label.
Volume Serial Number is E28D-B425

Directory of C:\files

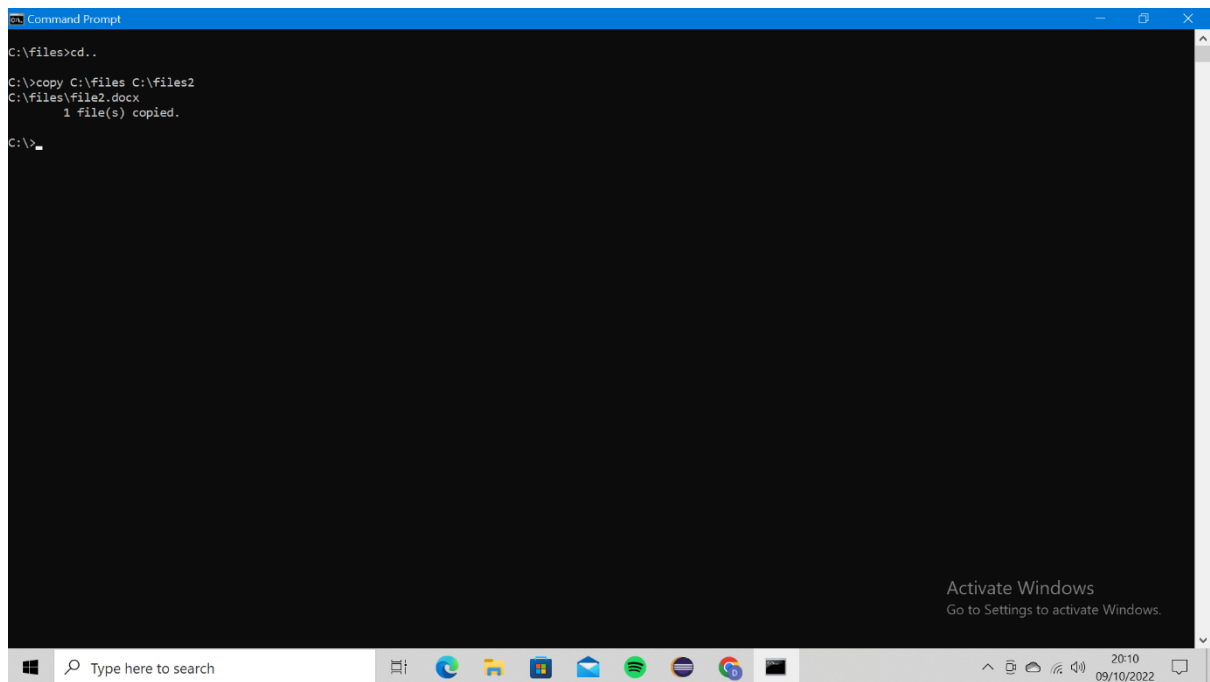
09/10/2022  20:04  <DIR>          .
09/10/2022  20:04  <DIR>          ..
09/10/2022  19:56      0 file2.docx
                1 File(s)      0 bytes
                2 Dir(s)  37.958.991.872 bytes free

C:\files>
```

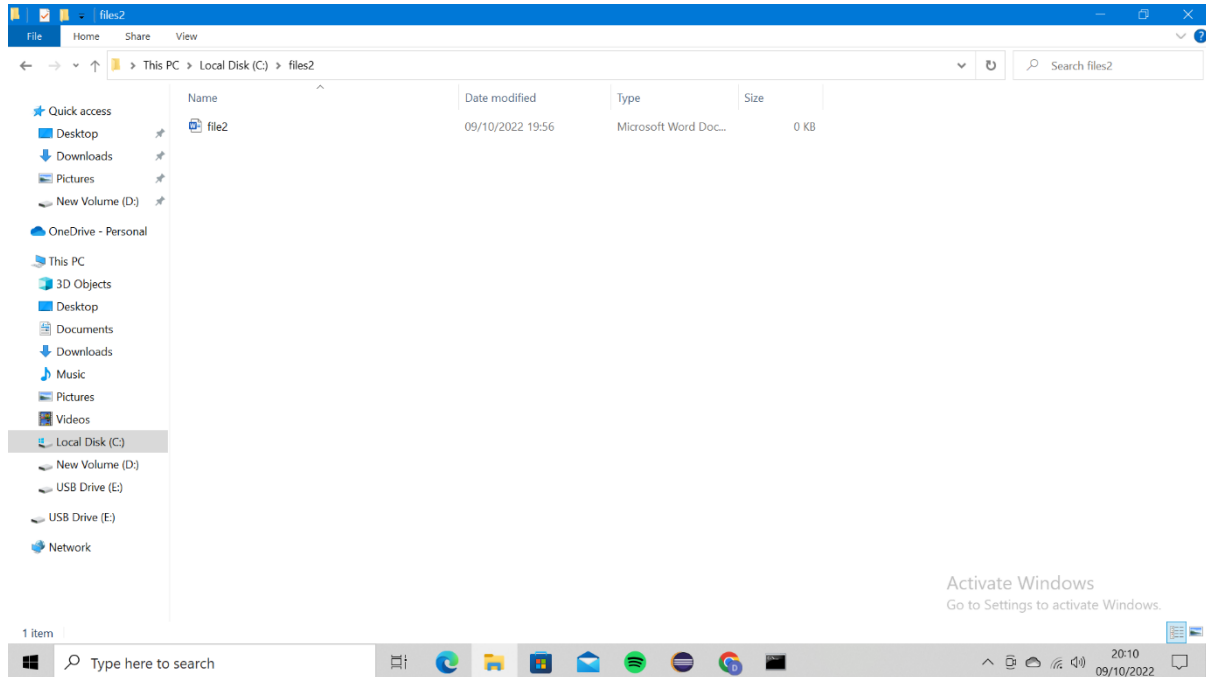
## LANGKAH 16



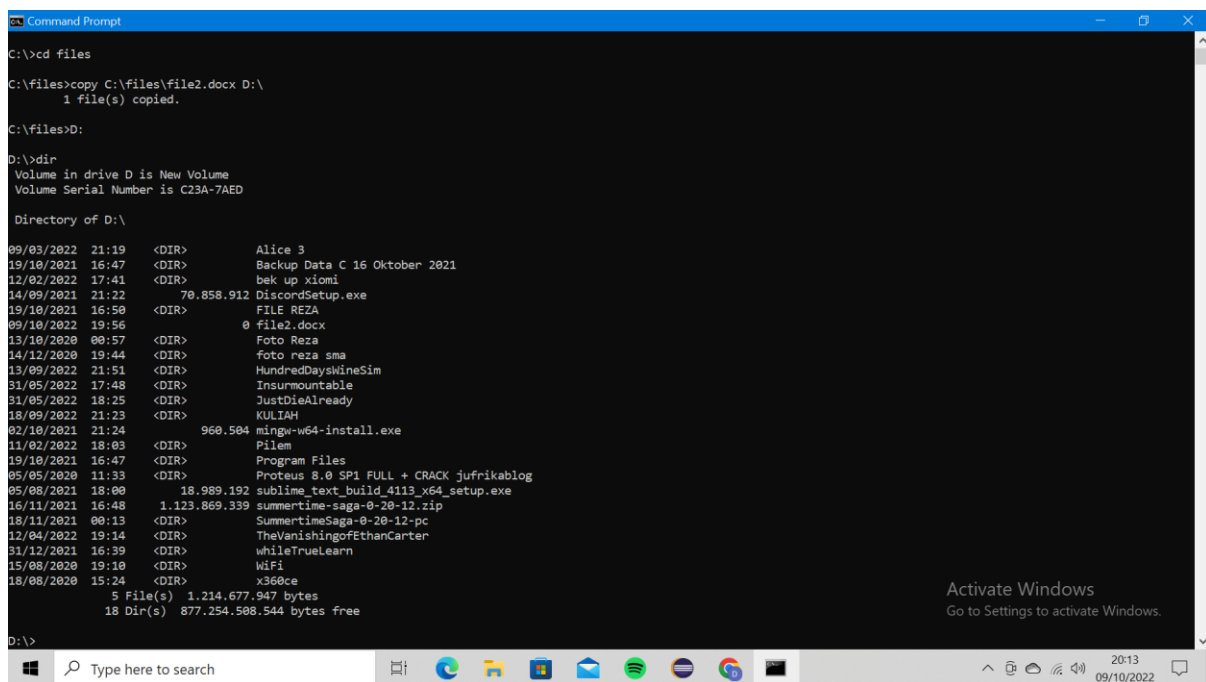
## LANGKAH 17-20



## LANGKAH 21-22



## LANGKAH 23-25



## LANGKAH 35-38

```
Command Prompt
C:\>md baru
C:\>dir
Volume in drive C has no label.
Volume Serial Number is E280-B425

Directory of C:\

09/10/2022  20:16  <DIR>          baru
12/08/2022  19:21  <DIR>          cgi-bin
08/09/2022  19:48  <DIR>          eclipse
20/09/2022  10:30          309,865,828 eclipse-java-2022-09-R-win32-x86_64.zip
22/04/2017  00:21  <DIR>          fab
09/10/2022  20:14  <DIR>          files
09/10/2022  20:10  <DIR>          files2
03/11/2021  23:21  <DIR>          LDPlayer
14/01/2022  23:48  <DIR>          modul 12
20/09/2022  12:50  <DIR>          OS
20/09/2022  12:51  <DIR>          P80
29/09/2022  23:42  <DIR>          P801
07/12/2019  16:14  <DIR>          PenFlogs
09/10/2022  16:23  <DIR>          Program Files
08/07/2022  20:40  <DIR>          Program Files (x86)
03/11/2021  21:24  <DIR>          Riot Games
07/04/2022  04:08  <DIR>          Users
18/04/2022  22:46  <DIR>          UTS_Victor Gallant Smart_L200210155
20/09/2022  10:21          111,569,920 VirtualBox-6.1.38-153438-Win.exe
27/09/2022  18:26  <DIR>          Windows
                2 File(s)      421,435,748 bytes
                18 Dir(s)  37,957,849,088 bytes free

C:\>
```

Activate Windows  
Go to Settings to activate Windows.

## LANGKAH 39-40

```
Command Prompt
C:\>rd baru
C:\>dir
Volume in drive C has no label.
Volume Serial Number is E280-B425

Directory of C:\

12/08/2022  19:21  <DIR>          cgi-bin
08/09/2022  19:48  <DIR>          eclipse
20/09/2022  10:30          309,865,828 eclipse-java-2022-09-R-win32-x86_64.zip
22/04/2017  00:21  <DIR>          fab
09/10/2022  20:14  <DIR>          files
09/10/2022  20:10  <DIR>          files2
03/11/2021  23:21  <DIR>          LDPlayer
14/01/2022  23:48  <DIR>          modul 12
20/09/2022  12:50  <DIR>          OS
20/09/2022  12:51  <DIR>          P80
29/09/2022  23:42  <DIR>          P801
07/12/2019  16:14  <DIR>          PenFlogs
09/10/2022  16:23  <DIR>          Program Files
08/07/2022  20:40  <DIR>          Program Files (x86)
03/11/2021  21:24  <DIR>          Riot Games
07/04/2022  04:08  <DIR>          Users
18/04/2022  22:46  <DIR>          UTS_Victor Gallant Smart_L200210155
20/09/2022  10:21          111,569,920 VirtualBox-6.1.38-153438-Win.exe
27/09/2022  18:26  <DIR>          Windows
                2 File(s)      421,435,748 bytes
                17 Dir(s)  37,957,410,816 bytes free

C:\>
```

Activate Windows  
Go to Settings to activate Windows.

## LANGKAH 41-42

```
Command Prompt
C:\>mkdir baru1

C:\>dir
Volume in drive C has no label.
Volume Serial Number is E28D-B425

Directory of C:\

09/10/2022  20:17  <DIR>        baru1
12/08/2022  19:21  <DIR>        cgi-bin
08/09/2022  19:48  <DIR>        eclipse
20/09/2022  10:30          309,865,828 eclipse-java-2022-09-R-win32-x86_64.zip
22/04/2017  00:21  <DIR>        fab
09/10/2022  20:14  <DIR>        files
09/10/2022  20:10  <DIR>        files2
03/11/2021  23:21  <DIR>        LDPlayer
14/01/2022  23:48  <DIR>        modul 12
20/09/2022  12:50  <DIR>        OS
20/09/2022  12:51  <DIR>        P80
29/09/2022  23:42  <DIR>        P801
07/12/2019  16:14  <DIR>        Perflogs
09/10/2022  16:23  <DIR>        Program Files
08/07/2022  20:40  <DIR>        Program Files (x86)
03/11/2021  21:24  <DIR>        Riot Games
07/04/2022  04:08  <DIR>        Users
18/04/2022  22:46  <DIR>        UTS_Victor Gallant Smart_L200210155
20/09/2022  10:21          111,569,920 VirtualBox-6.1.38-153438-Win.exe
27/09/2022  18:26  <DIR>        Windows
                2 File(s)      421,435,748 bytes
                18 Dir(s)   37,957,054,464 bytes free

C:\>
```

Activate Windows  
Go to Settings to activate Windows.

## LANGKAH 43-44

```
Command Prompt
C:\>rmdir baru1

C:\>dir
Volume in drive C has no label.
Volume Serial Number is E28D-B425

Directory of C:\

12/08/2022  19:21  <DIR>        cgi-bin
08/09/2022  19:48  <DIR>        eclipse
20/09/2022  10:30          309,865,828 eclipse-java-2022-09-R-win32-x86_64.zip
22/04/2017  00:21  <DIR>        fab
09/10/2022  20:14  <DIR>        files
09/10/2022  20:10  <DIR>        files2
03/11/2021  23:21  <DIR>        LDPlayer
14/01/2022  23:48  <DIR>        modul 12
20/09/2022  12:50  <DIR>        OS
20/09/2022  12:51  <DIR>        P80
29/09/2022  23:42  <DIR>        P801
07/12/2019  16:14  <DIR>        Perflogs
09/10/2022  16:23  <DIR>        Program Files
08/07/2022  20:40  <DIR>        Program Files (x86)
03/11/2021  21:24  <DIR>        Riot Games
07/04/2022  04:08  <DIR>        Users
18/04/2022  22:46  <DIR>        UTS_Victor Gallant Smart_L200210155
20/09/2022  10:21          111,569,920 VirtualBox-6.1.38-153438-Win.exe
27/09/2022  18:26  <DIR>        Windows
                2 File(s)      421,435,748 bytes
                17 Dir(s)   37,957,808,128 bytes free

C:\>
```

Activate Windows  
Go to Settings to activate Windows.



## LANGKAH 45-46

```
Command Prompt
C:\>md \komputer

C:\>dir
Volume in drive C has no label.
Volume Serial Number is E28D-B425

Directory of C:\

12/08/2022  19:21  <DIR>          cgi-bin
08/09/2022  19:48  <DIR>          eclipse
20/09/2022  18:30          309.865.828 eclipse-java-2022-09-R-win32-x86_64.zip
22/04/2017   00:21  <DIR>          fab
09/10/2022  20:14  <DIR>          files
09/10/2022  20:10  <DIR>          files2
09/10/2022  20:18  <DIR>          komputer
03/11/2021  23:21  <DIR>          LDPlayer
14/01/2022  23:48  <DIR>          modul 12
20/09/2022  12:50  <DIR>          OS
20/09/2022  12:51  <DIR>          P80
29/09/2022  23:42  <DIR>          P801
07/12/2019  16:14  <DIR>          PenFlogs
09/10/2022  16:23  <DIR>          Program Files
08/07/2022  20:40  <DIR>          Program Files (x86)
03/11/2021  21:24  <DIR>          Riot Games
07/04/2022  04:08  <DIR>          Users
18/04/2022  22:46  <DIR>          UTS_Victor Gallant Smart_L200210155
20/09/2022  10:21          111.569.920 VirtualBox-6.1.38-153438-Win.exe
27/09/2022  18:26  <DIR>          Windows
                2 File(s)      421.435.748 bytes
                18 Dir(s)  37.957.287.936 bytes free

C:\>
```

Activate Windows  
Go to Settings to activate Windows.

## LANGKAH 47-48

```
Command Prompt
C:\>md \files\film

C:\>cd files

C:\files>dir
Volume in drive C has no label.
Volume Serial Number is E28D-B425

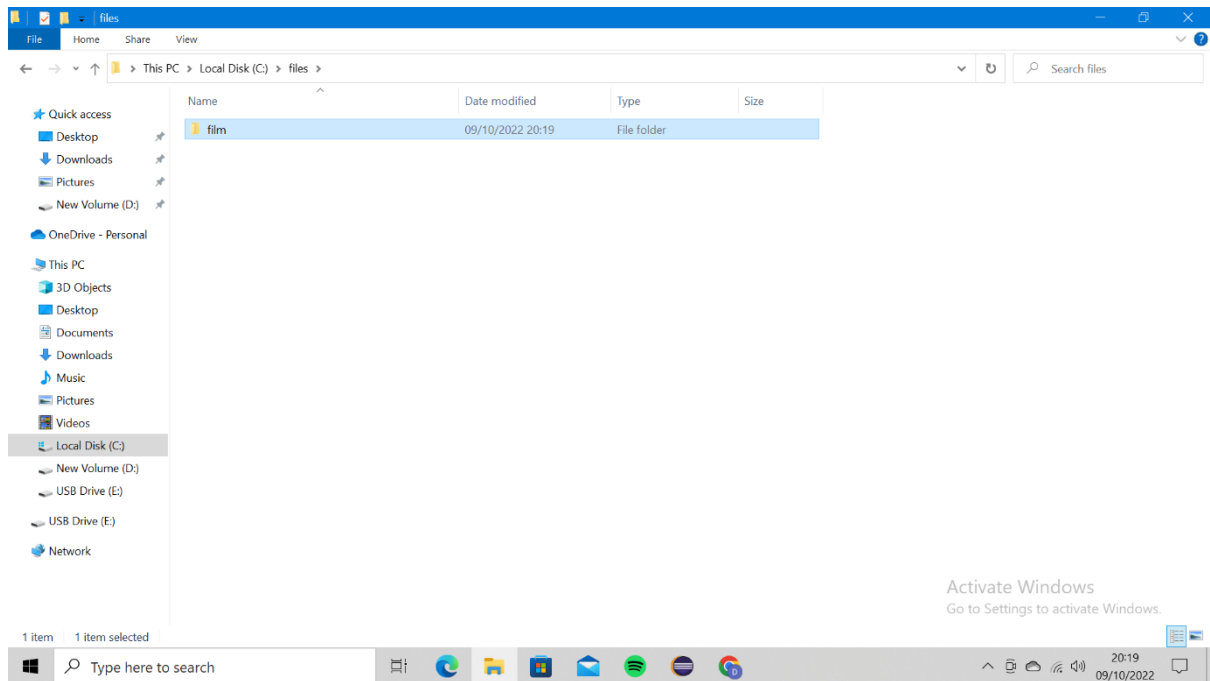
Directory of C:\files

09/10/2022  20:19  <DIR>          .
09/10/2022  20:19  <DIR>          ..
09/10/2022  20:19  <DIR>          film
                0 File(s)      0 bytes
                3 Dir(s)  37.956.169.728 bytes free

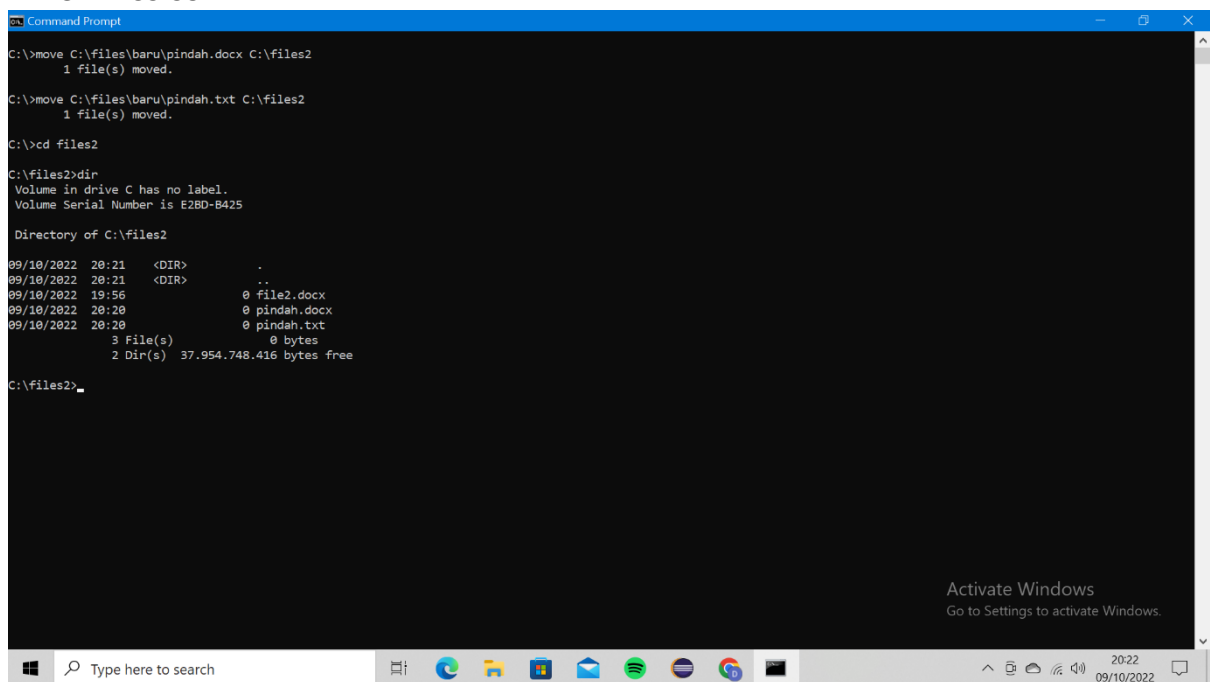
C:\files>
```

Activate Windows  
Go to Settings to activate Windows.

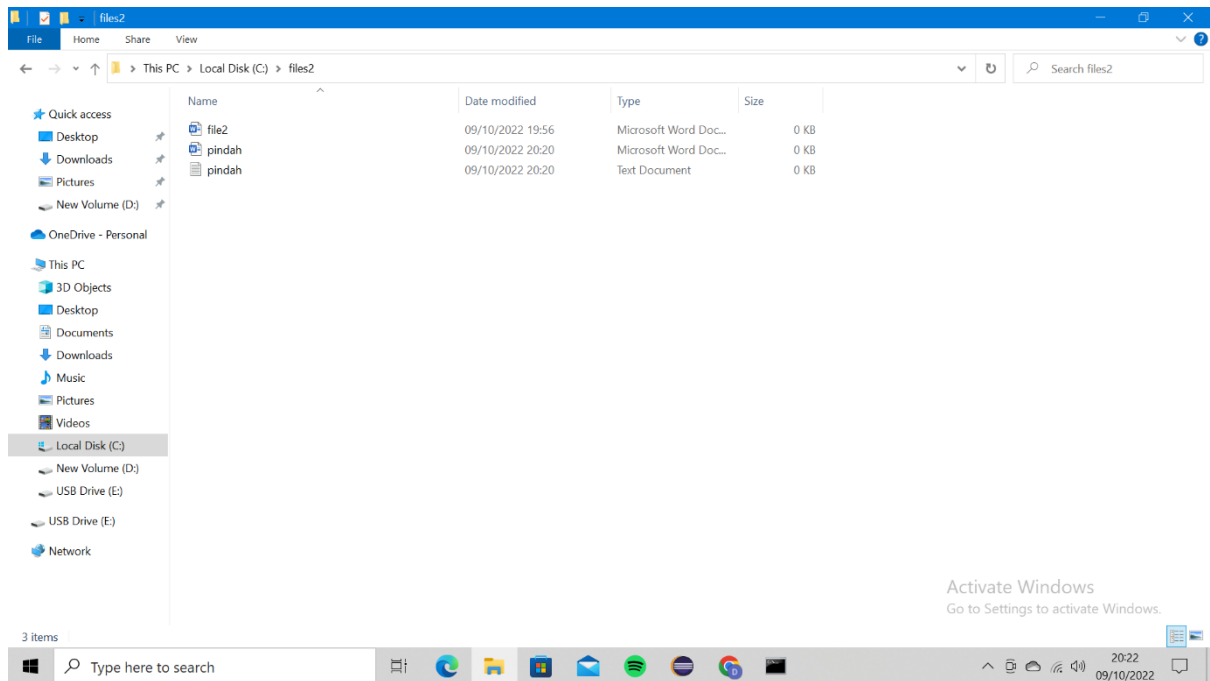
## LANGKAH 49-50



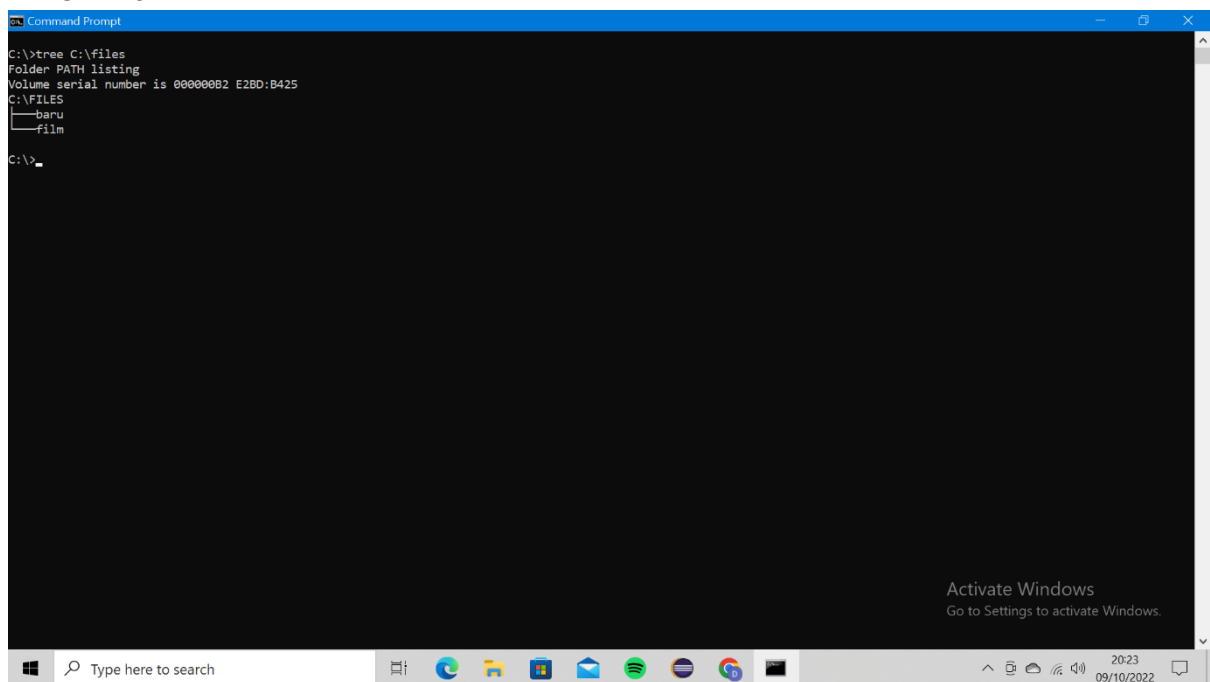
## LANGKAH 55-58



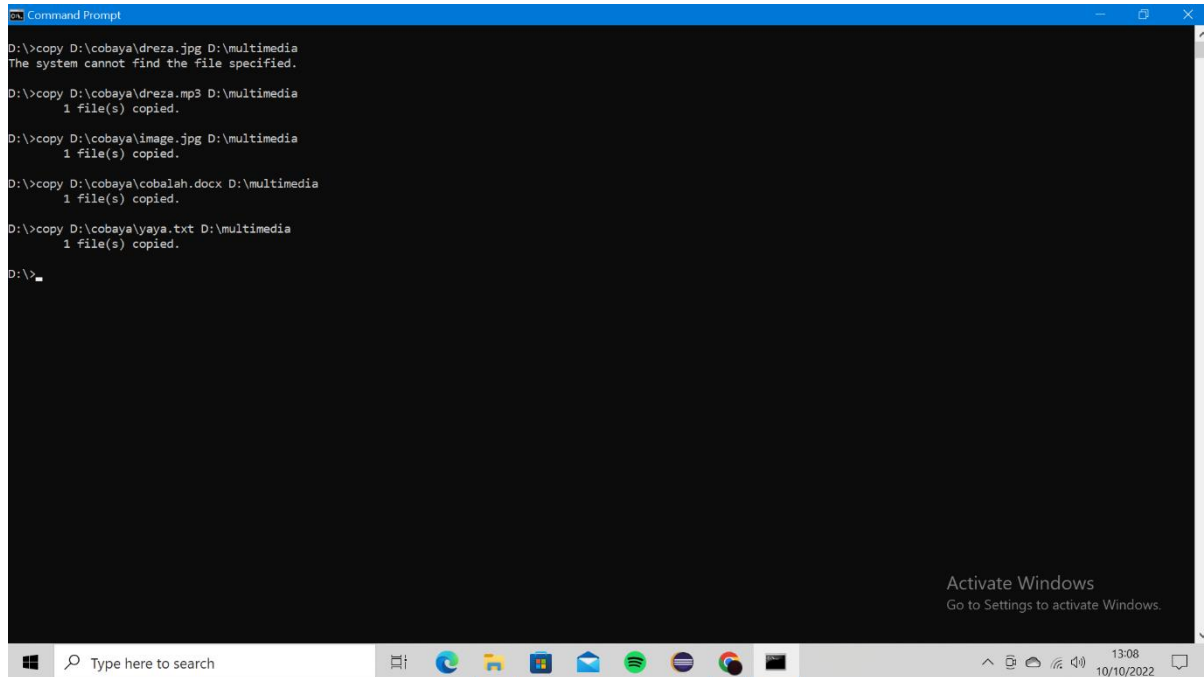
## LANGKAH 59



## LANGKAH 62



## TUGAS



The screenshot shows a Windows Command Prompt window with a blue title bar labeled "Command Prompt". The window contains the following text:

```
D:\>copy D:\cobaya\dreza.jpg D:\multimedia
The system cannot find the file specified.

D:\>copy D:\cobaya\dreza.mp3 D:\multimedia
1 file(s) copied.

D:\>copy D:\cobaya\image.jpg D:\multimedia
1 file(s) copied.

D:\>copy D:\cobaya\cobalah.docx D:\multimedia
1 file(s) copied.

D:\>copy D:\cobaya\yaya.txt D:\multimedia
1 file(s) copied.

D:\>
```

In the bottom right corner of the Command Prompt window, there is a watermark that says "Activate Windows" and "Go to Settings to activate Windows.".

The Windows taskbar is visible at the bottom of the screen. It includes the Start button, a search bar with the text "Type here to search", and several application icons: Task View, Microsoft Edge, File Explorer, Mail, Spotify, and others. The system tray on the right shows the time as 13:08 and the date as 10/10/2022.

File Explorer window showing the contents of the 'cobaya' folder on 'New Volume (D:)'. The window title is 'cobaya'. The address bar shows the path: 'This PC > New Volume (D:) > cobaya'. The left sidebar shows the 'New Volume (D:)' selected under 'Local Disk (C:)'. The main pane displays a table of files:

Name	#	Title	Contributing artists	Album
cobalah				
dreza				
image				
yaya				

4 items

Activate Windows  
Go to Settings to activate Windows.

File Explorer window showing the contents of the 'multimedia' folder on 'New Volume (D:)'. The window title is 'multimedia'. The address bar shows the path: 'This PC > New Volume (D:) > multimedia'. The left sidebar shows the 'New Volume (D:)' selected under 'Local Disk (C:)'. The main pane displays a table of files:

Name	Date modified	Type	Size
cobalah	10/10/2022 13:01	Microsoft Word Doc...	0 KB
dreza	29/11/2021 10:32	MP3 File	215 KB
image	22/05/2022 10:39	JPG File	2,070 KB
yaya	10/10/2022 13:02	Text Document	0 KB

4 items

Activate Windows  
Go to Settings to activate Windows.