



Praktikum Organisasi Sistem Komputer

Dukungan Sistem Operasi

Alat Praktikum

1. PC/Laptop 1 Unit
2. Command Prompt
3. Perintah-Perintah Dasar Sistem Operasi
4. Print Out hasil percobaan

Perintah² Dasar Sistem Operasi

help

date

vol

time

title

ver

cls

color

Perintah² Dasar Sistem Operasi (help)

Perintah help digunakan untuk menampilkan informasi tentang semua perintah yang ada di dalam command prompt.

Format penggunaan :

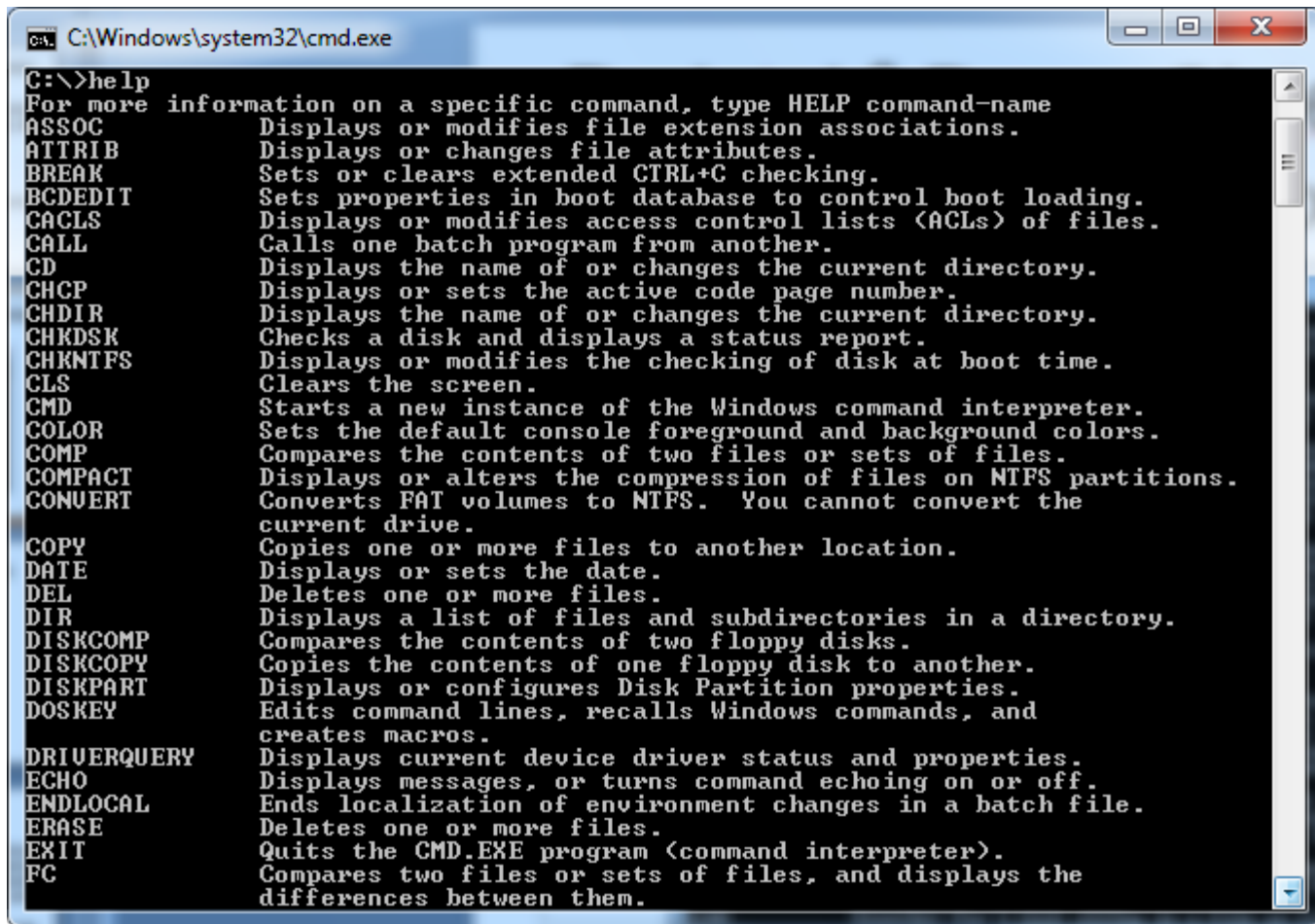
```
help [nama_perintah]
```

Contoh penggunaan :

help → menampilkan semua perintah command prompt.

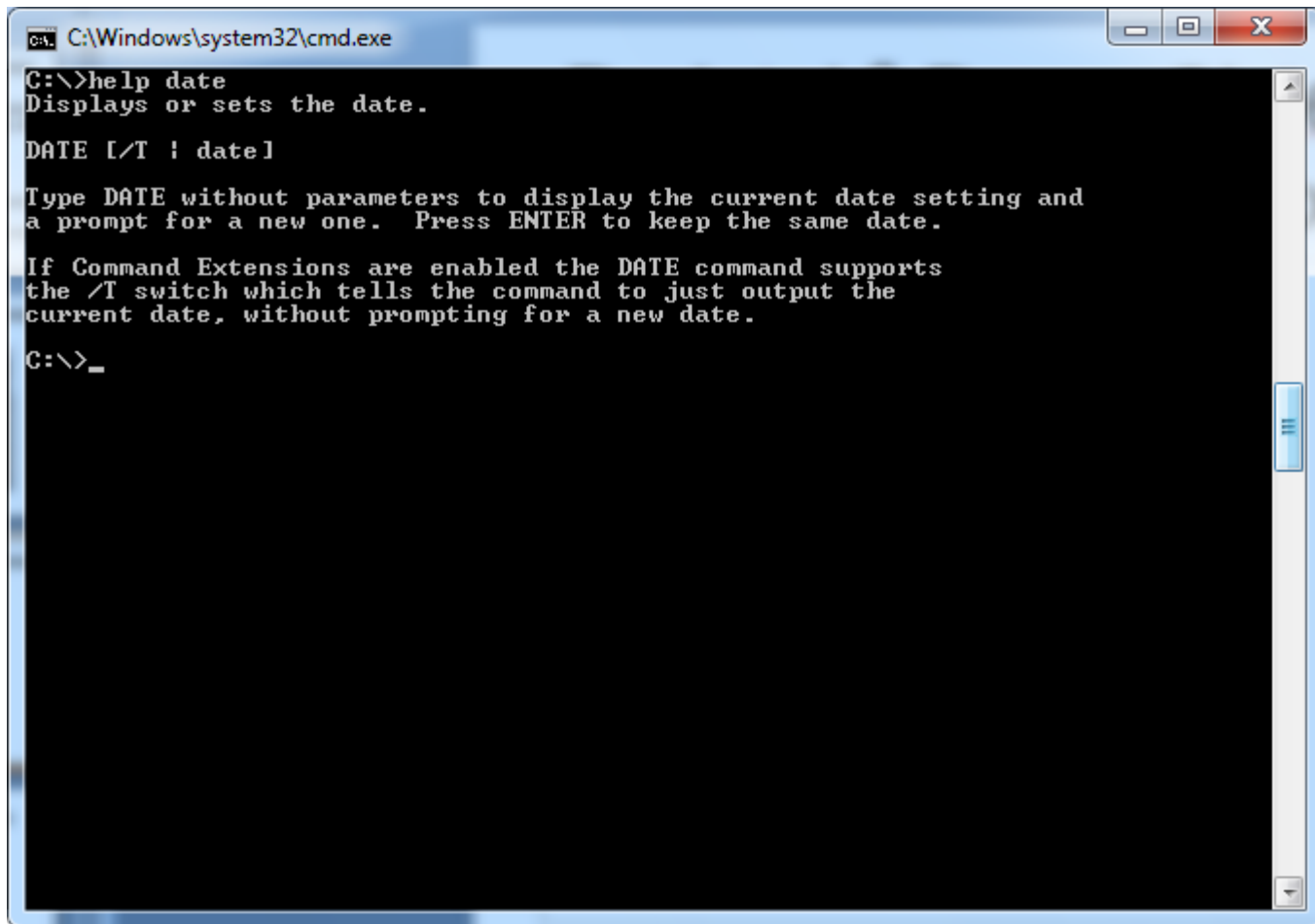
help date → menampilkan informasi tentang perintah date.

Perintah² Dasar Sistem Operasi (help...next)



```
C:\Windows\system32\cmd.exe
C:\>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.
DISKCOMP   Compares the contents of two floppy disks.
DISKCOPY   Copies the contents of one floppy disk to another.
DISKPART   Displays or configures Disk Partition properties.
DOSKEY     Edits command lines, recalls Windows commands, and
           creates macros.
DRIVERQUERY Displays current device driver status and properties.
ECHO       Displays messages, or turns command echoing on or off.
ENDLOCAL   Ends localization of environment changes in a batch file.
ERASE      Deletes one or more files.
EXIT       Quits the CMD.EXE program (command interpreter).
FC         Compares two files or sets of files, and displays the
           differences between them.
```

Perintah² Dasar Sistem Operasi (help...next)



```
C:\Windows\system32\cmd.exe
C:\>help date
Displays or sets the date.

DATE [/T ; date]

Type DATE without parameters to display the current date setting and
a prompt for a new one.  Press ENTER to keep the same date.

If Command Extensions are enabled the DATE command supports
the /T switch which tells the command to just output the
current date, without prompting for a new date.

C:\>_
```

Perintah² Dasar Sistem Operasi (date)

Perintah date digunakan untuk menampilkan atau men-setting tanggal pada sistem.

Format penggunaan :

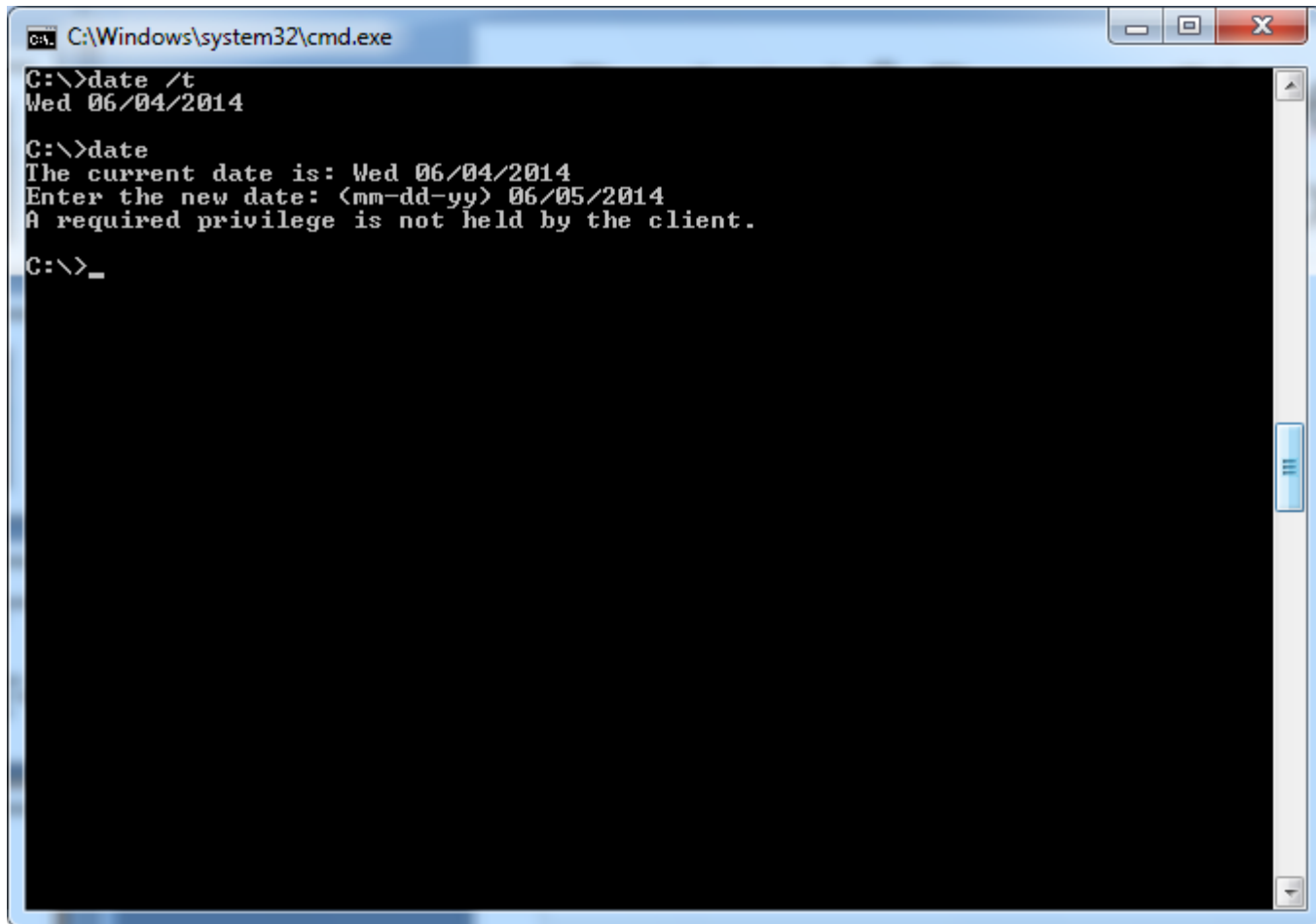
date [/t | date]

Contoh penggunaan :

date /t → menampilkan tanggal sistem

date → menampilkan tanggal sistem dan sekaligus dapat men-setting tanggal sistem.

Perintah² Dasar Sistem Operasi (date...next)



```
C:\Windows\system32\cmd.exe
C:\>date /t
Wed 06/04/2014

C:\>date
The current date is: Wed 06/04/2014
Enter the new date: <mm-dd-yy> 06/05/2014
A required privilege is not held by the client.

C:\>_
```


Perintah² Dasar Sistem Operasi (vol)

Perintah vol digunakan untuk menampilkan label dan serial number pada sebuah drive.

Format penggunaan :

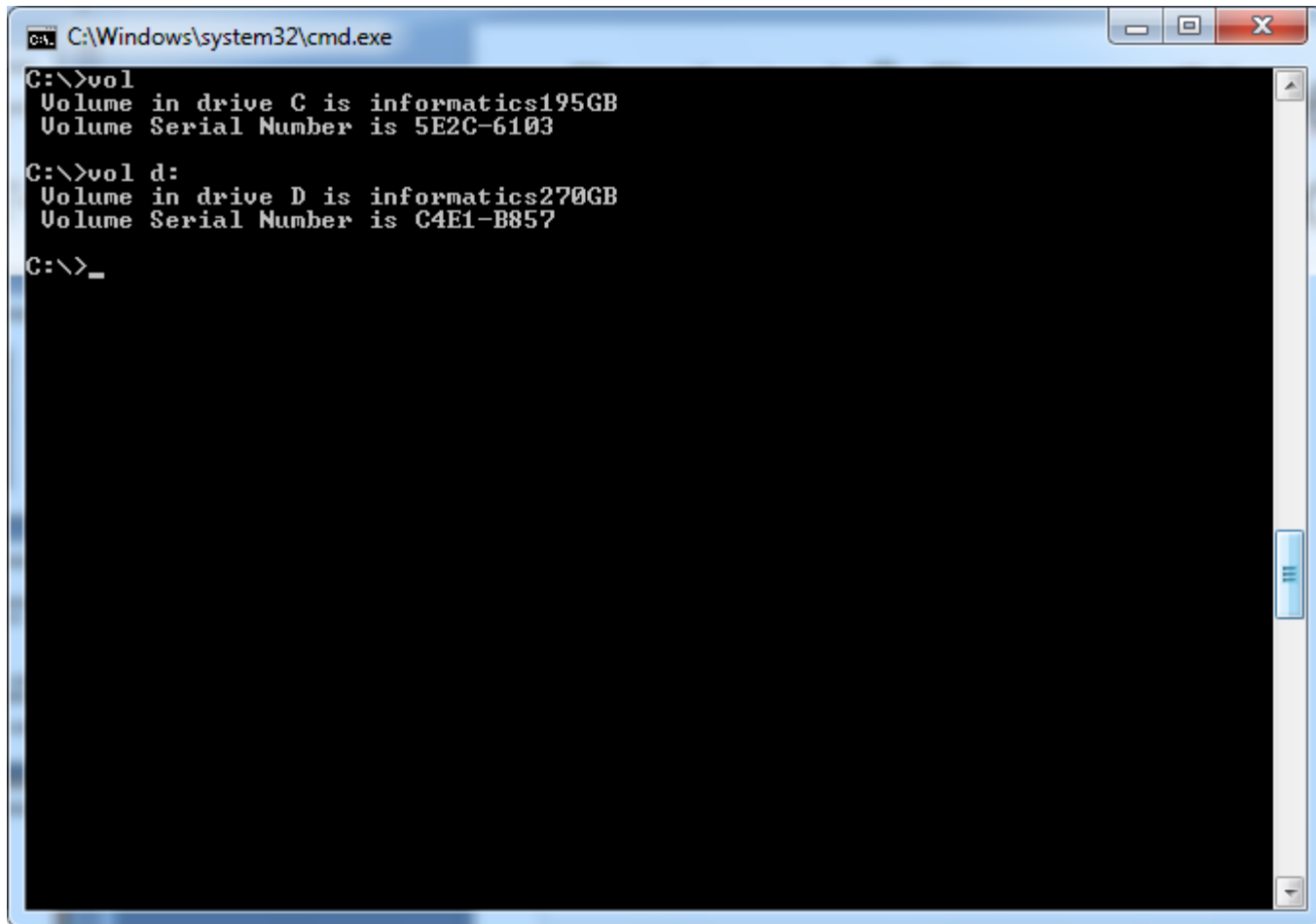
vol [drive:]

Contoh penggunaan :

vol → menampilkan label dan serial number pada sebuah drive yang sedang digunakan.

vol d: → menampilkan label dan serial number pada drive d.

Perintah² Dasar Sistem Operasi (vol...next)



```
C:\Windows\system32\cmd.exe
C:\>vol
Volume in drive C is informatics195GB
Volume Serial Number is 5E2C-6103

C:\>vol d:
Volume in drive D is informatics270GB
Volume Serial Number is C4E1-B857

C:\>_
```

Perintah² Dasar Sistem Operasi (time)

Perintah time digunakan untuk menampilkan atau men-setting waktu pada sistem.

Format penggunaan :

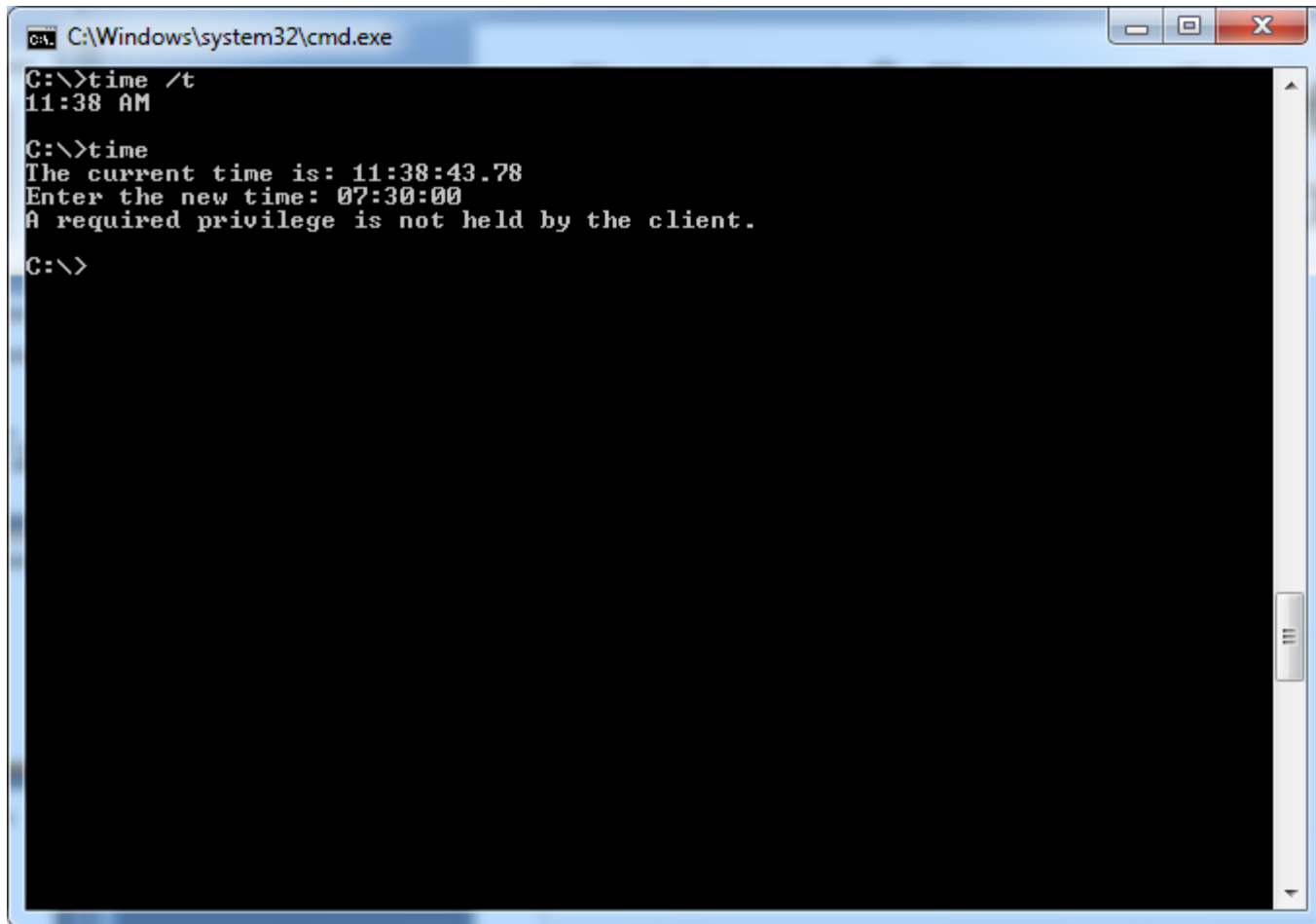
time [/t | time]

Contoh penggunaan :

time /t → menampilkan waktu sistem

time → menampilkan waktu sistem dan sekaligus dapat men-setting waktu sistem.

Perintah² Dasar Sistem Operasi (time...next)



```
C:\Windows\system32\cmd.exe
C:\>time /t
11:38 AM

C:\>time
The current time is: 11:38:43.78
Enter the new time: 07:30:00
A required privilege is not held by the client.

C:\>
```

Perintah² Dasar Sistem Operasi (title)

Perintah `title` digunakan untuk mengubah `window title` pada `command prompt window`.

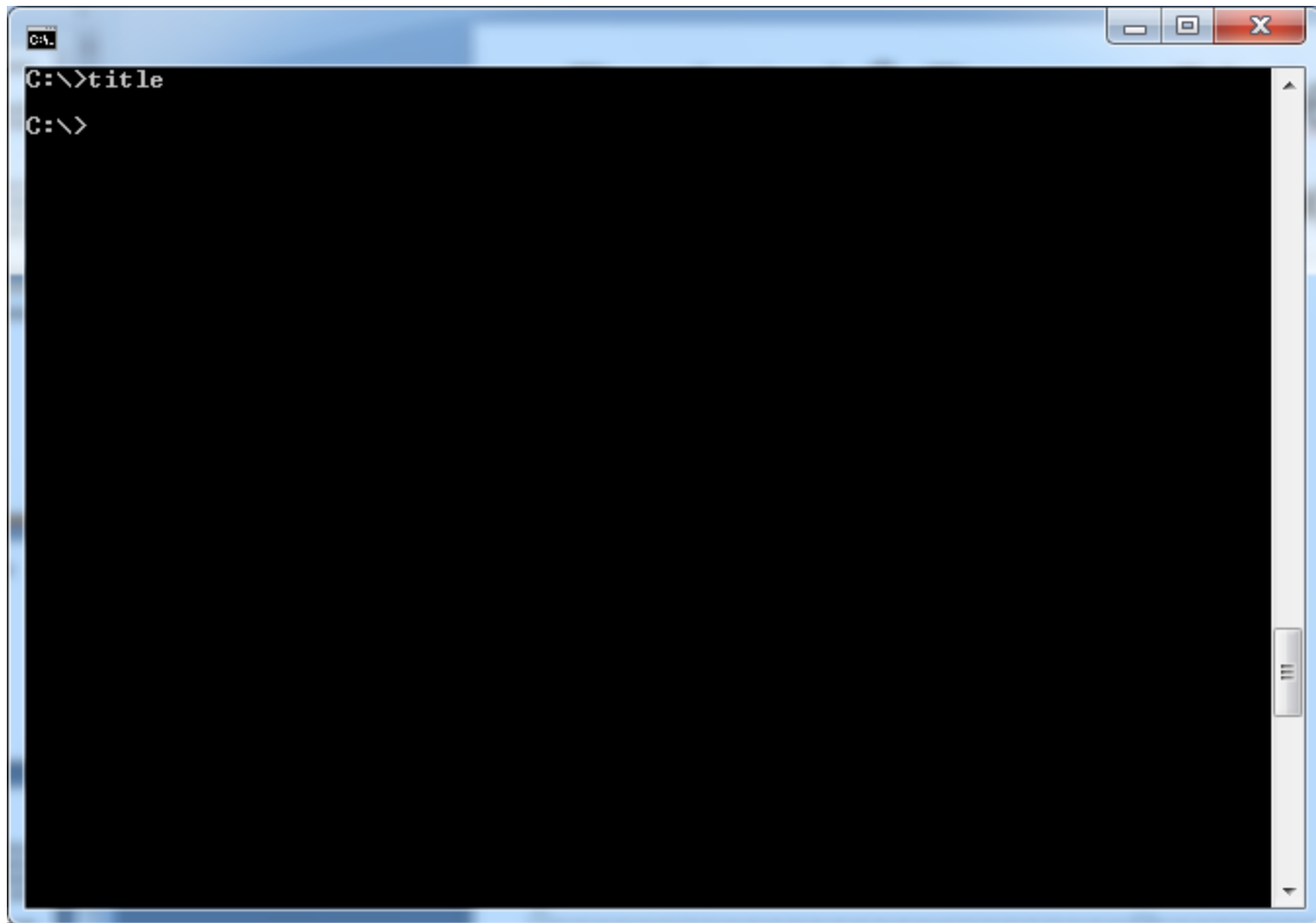
Format penggunaan :

`title [string]`

Contoh penggunaan :

`title` → dengan spasi → tanpa `window title`
`title Praktikum Dukungan Sistem Operasi`
→ mengubah `window title` pada `command prompt window` dengan `Praktikum Dukungan Sistem Operasi`.

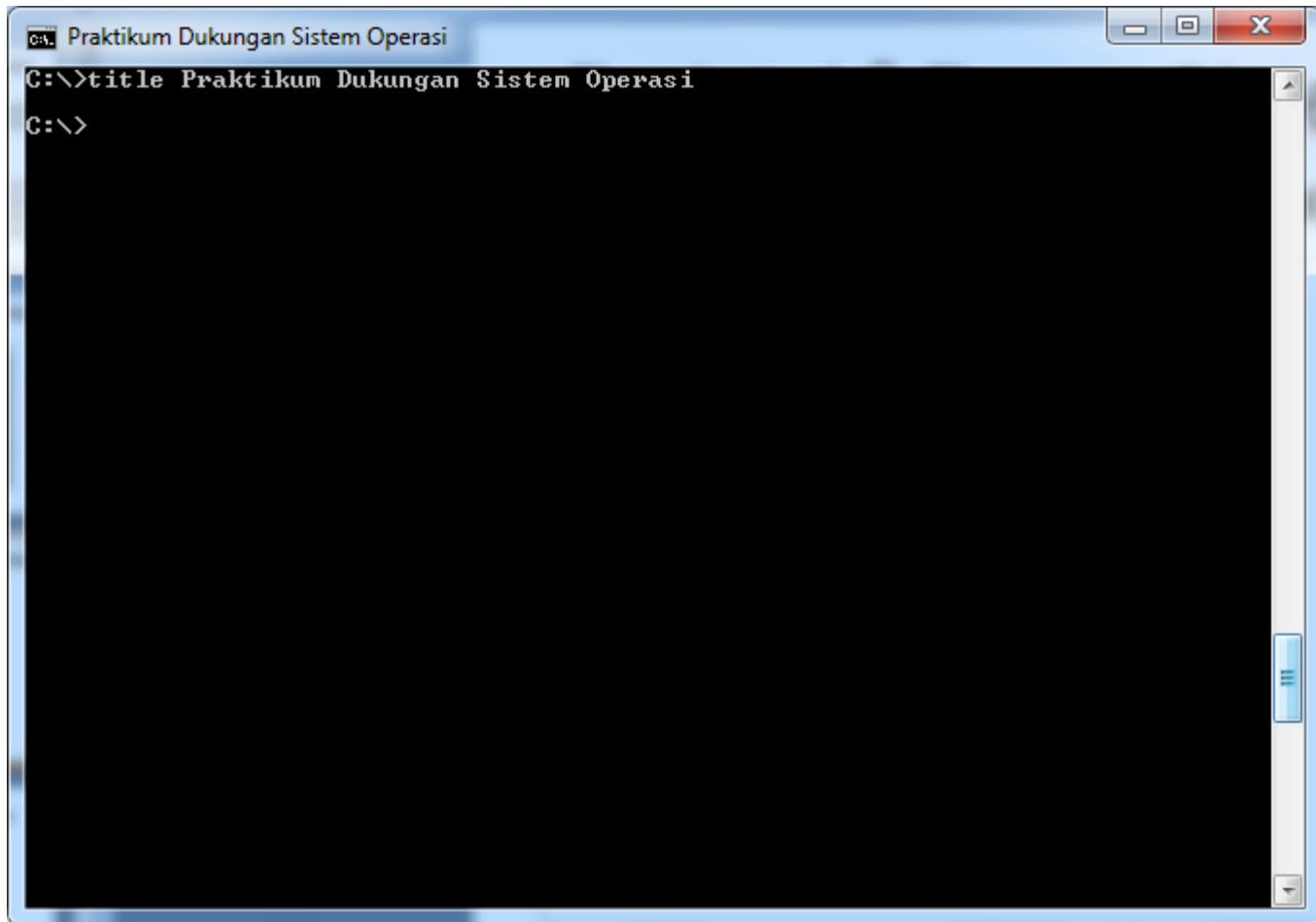
Perintah² Dasar Sistem Operasi (title...next)



```
C:\>title  
C:\>
```

The image shows a screenshot of a Windows command prompt window. The window title bar is labeled 'C:\'. The command prompt shows the user entering the command 'title' at the 'C:\>' prompt. The prompt then moves to the next line, 'C:\>', indicating the command has been executed. The rest of the window is empty.

Perintah² Dasar Sistem Operasi (title...next)

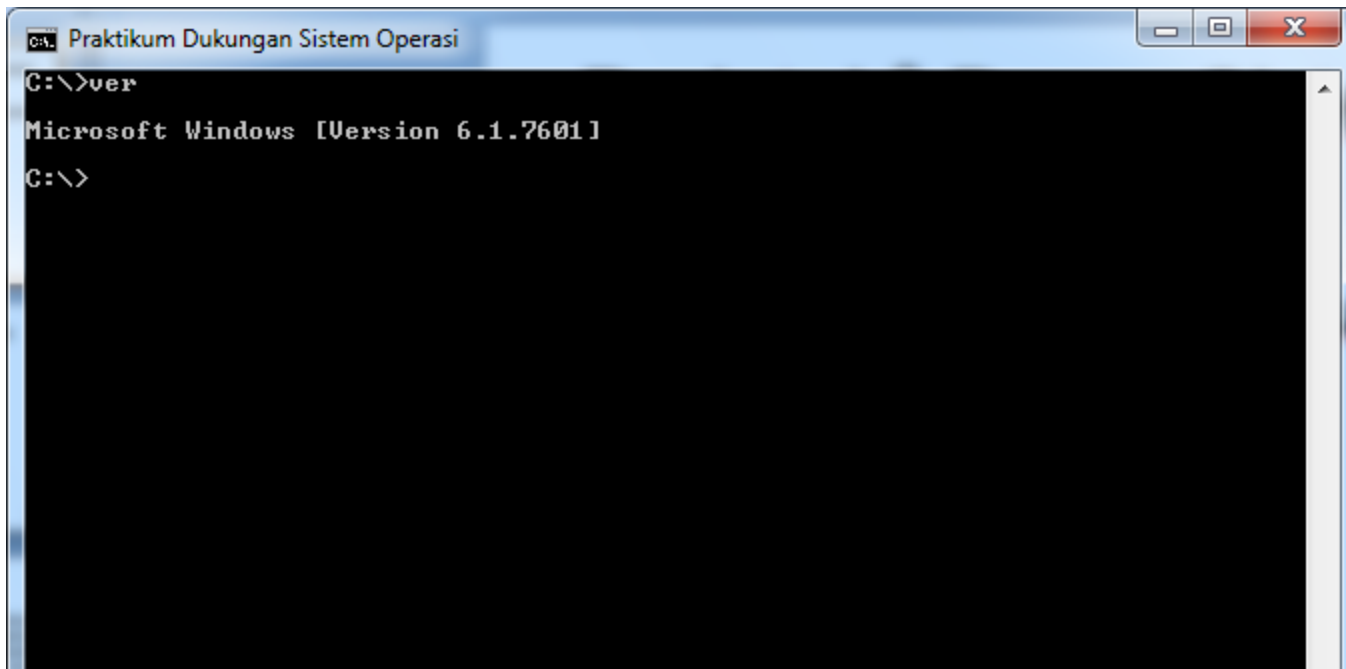


```
cmd: Praktikum Dukungan Sistem Operasi
C:\>title Praktikum Dukungan Sistem Operasi
C:\>
```

The image shows a Windows command prompt window with a blue title bar. The title bar text is "cmd: Praktikum Dukungan Sistem Operasi". The command prompt area is black with white text. The first line shows the prompt "C:\>" followed by the command "title Praktikum Dukungan Sistem Operasi". The second line shows the prompt "C:\>" followed by a blank line, indicating the command has been executed successfully.

Perintah² Dasar Sistem Operasi (ver)

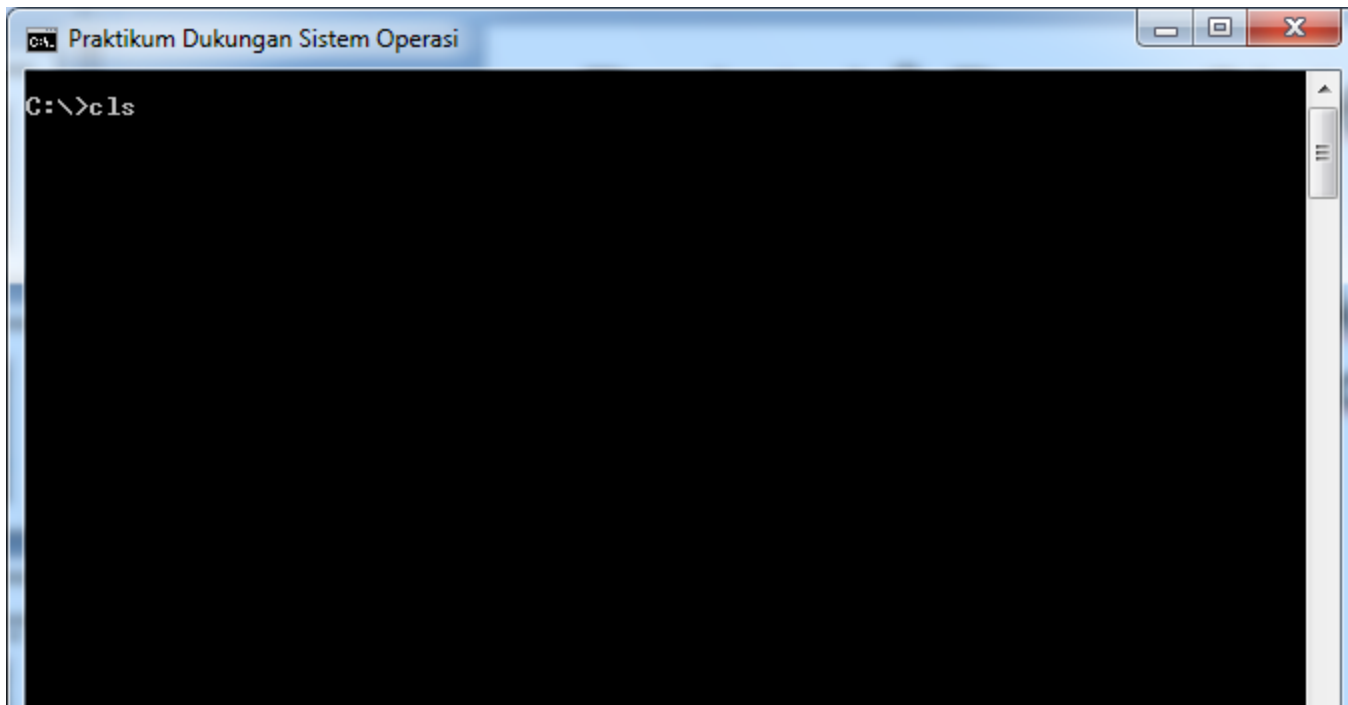
Perintah ver digunakan untuk menampilkan versi Windows. Format penggunaan : ver



```
C:\>ver
Microsoft Windows [Version 6.1.7601]
C:\>
```


Perintah² Dasar Sistem Operasi (cls)

Perintah cls digunakan untuk membersihkan layar. Format penggunaan : cls



A screenshot of a Windows command prompt window. The title bar reads "Praktikum Dukungan Sistem Operasi". The command prompt shows the current directory as "C:\\" and the command "cls" has been entered. The rest of the screen is black, indicating that the command has successfully cleared the display.

```
C:\>cls
```

Perintah² Dasar Sistem Operasi (color)

Perintah `color` digunakan untuk mengubah warna default dari foreground dan background pada command prompt.

Format penggunaan :

```
color [attr]
```

`attr` adalah parameter atribut untuk warna, dengan menggunakan 2 digit heksadesimal, nilai pertama menunjukkan warna background dan nilai kedua menunjukkan warna foreground.

Perintah² Dasar Sistem Operasi (color...next)

Setiap digit menunjukkan nilai berikut :

0 = hitam

1 = biru

2 = hijau

3 = aqua

4 = merah

5 = ungu

6 = kuning

7 = putih

8 = abu-abu

9 = biru muda

a = hijau muda

b = light aqua

c = merah muda

d = ungu muda

e = kuning muda

f = putih terang

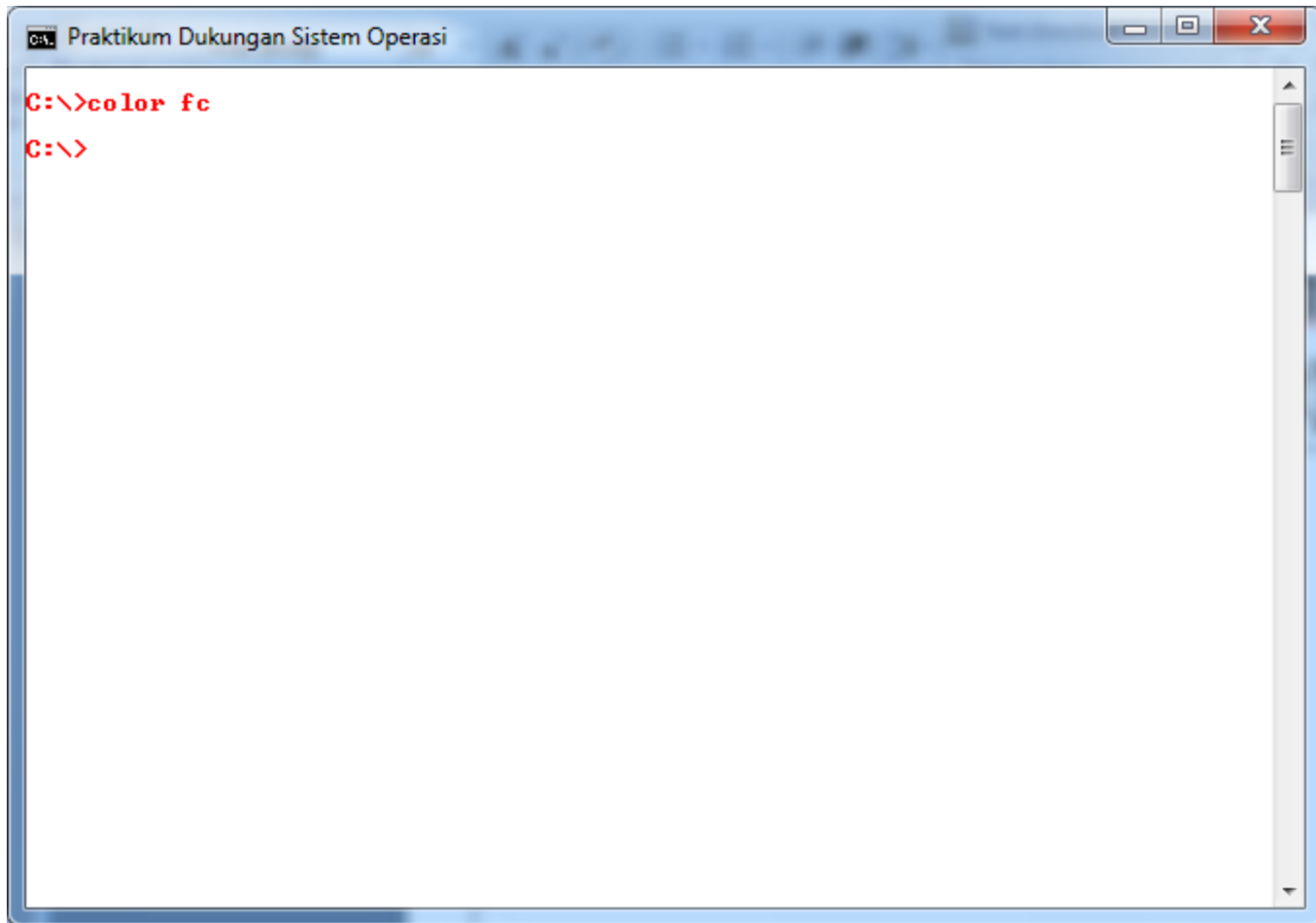
Perintah² Dasar Sistem Operasi (color...next)

Contoh penggunaan :

color → tanpa parameter atribut → dikembalikan ke warna default dari foreground dan background pada command prompt.

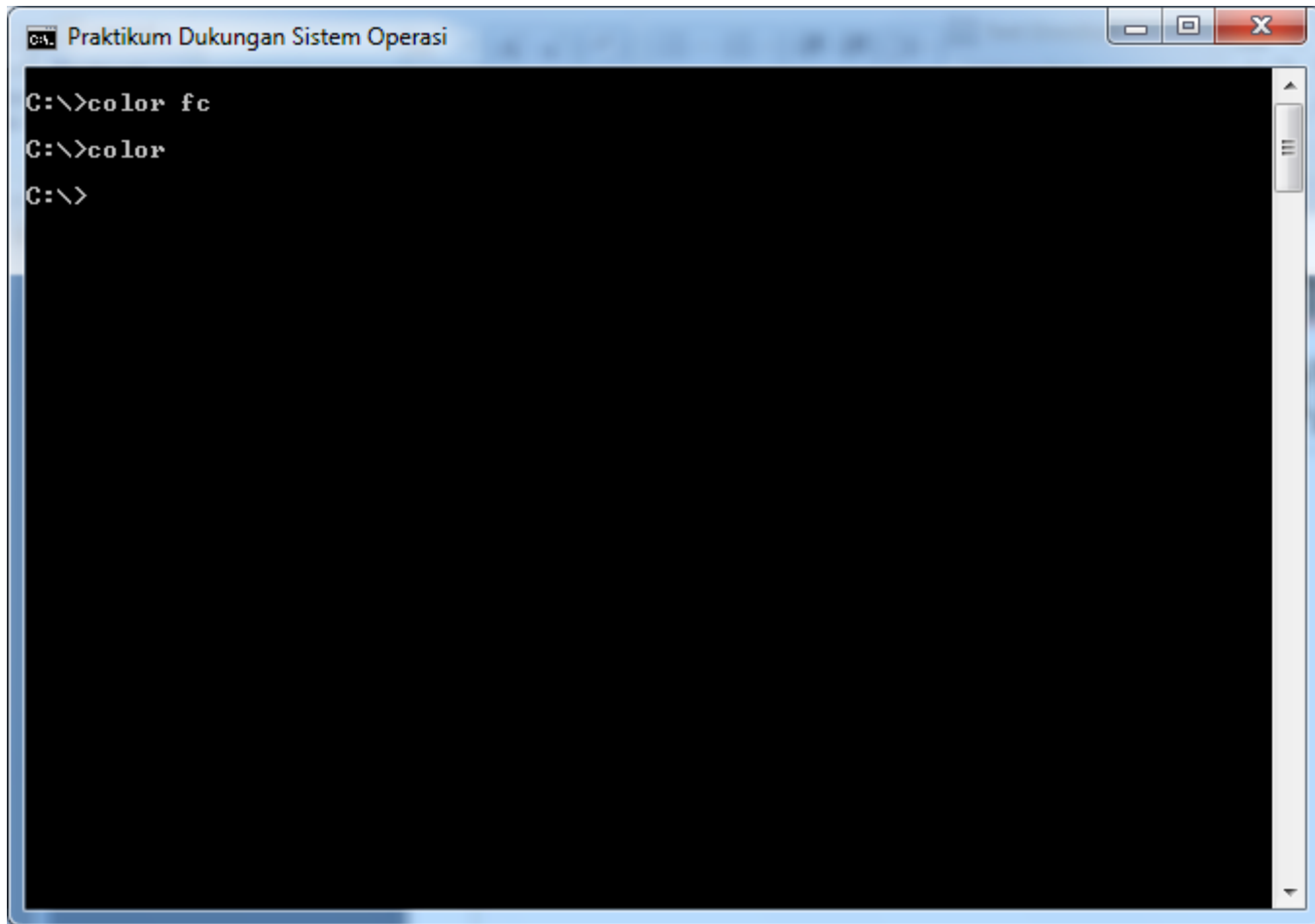
color fc → mengubah ke warna foreground yaitu merah muda dan warna background yaitu putih terang.

Perintah² Dasar Sistem Operasi (color...next)



```
C:\>color fc  
C:\>
```

Perintah² Dasar Sistem Operasi (color...next)



```
C:\>color fc
C:\>color
C:\>
```

Tugas Praktikum

1. Buka command prompt di windows dengan mengetikkan cmd pada textbox Search programs and files di Start Button.
2. Praktekkan semua perintah yang ada di bagian Perintah² Dasar Sistem Operasi.
3. Bahas semuanya di laporan praktikum.
4. Selamat mengerjakan laporan praktikum



See You Next Time