Nama : Deanissa Sherly Sabilla

Kelas : 1B SIB

Absen : 06

PRATIKUM 8

-SISTEM FILE-

TUGAS PENDAHULUAN

1. Apa saja atribut file ? Berikan contoh file dengan tipe file yang disebutkan pada dasar teori.
2. Apa yang dimaksud ijin akses ? Bagaimana contoh penggunaan perintah chmod untuk mengubah ijin akses.
3. Berilah contoh penggunaan perintah umask untuk mengubah ijin akses

JAWAB

1. Atribut File :
   - Tipe File :
     Contoh file :
     - Dokumen: .txt (teks biasa), .docx (Microsoft Word), .pdf (PDF) [laporan.docx]
     - Gambar: .jpg (JPEG), .png (Portable Network Graphics), .gif (Graphics Interchange Format) [foto.jpg]
     - Audio: .mp3 (MPEG Audio Layer III), .wav (Waveform Audio File Format), .flac (Free Lossless Audio Codec) [lagu.mp3]
     - Video: .mp4 (MPEG-4 Part 14), .avi (Audio Video Interleave), .mkv (Matroska Video) [film.mp4]
     - Arsip: .zip (ZIP Archive), .rar (RAR Archive), .tar (Tape Archive) [backup.zip]
   - Ijin Akses :
     Contoh File :
     - Read (r): Mengizinkan file dibaca.
     - Write (w): Mengizinkan file ditulis atau dimodifikasi.
     - Execute (x): Mengizinkan file dieksekusi sebagai program.
       -rw-r—r dan -rwxr-xr-x
   - Usermask :
     Contoh File :
     - Jika umask diset ke 022, file baru akan memiliki izin 755 (rwxr-xr-x) dan direktori baru akan memiliki izin 755.
     - Jika umask diset ke 077, file baru akan memiliki izin 700 (rwx------) dan direktori baru akan memiliki izin 700.
2. Setiap obyek pada Linux harus mempunyai pemilik, yang nama pemakai Linux (account) yang terdaftar pada /etc/passwd.

Contoh : -rw-r—r dan -rwxr-xr-x

3. –

PERCOBAAN

Percobaan 1 : Ijin Akses

```
/home/deanissa/.hushlogin file.
deanissa@DESKTOP-9U498E1:~$ id
uid=1000(deanissa) gid=1000(deanissa) groups=1000(deanissa),4(adm),20(dialout),24(c
drom),25(floppy),27(sudo),29(audio),30(dip),44(video),46(plugdev),116(netdev)
deanissa@DESKTOP-9U498E1:~$ grep <user> /etc/passwd
-bash: user: No such file or directory
deanissa@DESKTOP-9U498E1:~$ grep 25 /etc/group
floppy:x:25:deanissa
deanissa@DESKTOP-9U498E1:~$ _
```

```
deanissa@DESKTOP-9U498E1:~$ ls -ld /home/<user>
-bash: syntax error near unexpected token `newline'
```

```
deanissa@DESKTOP-9U498E1:~$ touch f1 f2 f3
deanissa@DESKTOP-9U498E1:~$ ls -l
total 20
drwxr-xr-x 1 deanissa deanissa  512 Mar  7 12:48 backup
-rw-r--r-- 1 deanissa deanissa   41 Mar 11 11:04 baru
lrwxrwxrwx 1 deanissa deanissa    1 Mar 17 11:09 bye.txt -> z
-rw-r--r-- 1 deanissa deanissa   40 Mar 27 20:13 dea.txt
-rw-r--r-- 1 deanissa deanissa   56 Mar 27 20:15 errordea.txt
-rw-r--r-- 1 deanissa deanissa 1854 Apr 18 09:36 evaluasi
-rw-r--r-- 1 deanissa deanissa  806 May 16 10:07 f1
-rw-r--r-- 1 deanissa deanissa  806 May 16 10:07 f2
-rw-r--r-- 1 deanissa deanissa  806 May 16 10:07 f3
-rw-r--r-- 3 deanissa deanissa   17 Mar 17 11:06 halo.txt
-rw-r--r-- 1 deanissa deanissa    0 Mar 21 09:56 hello.txt
-rw-r--r-- 1 deanissa deanissa   45 Mar 11 12:14 kelas.txt
-rw-r--r-- 1 deanissa deanissa   31 Mar 11 12:12 kelas1.txt
-rw-r--r-- 1 deanissa deanissa   14 Mar 11 12:13 kelas2.txt
drwxr-xr-x 1 deanissa deanissa  512 Mar 11 12:44 latihan2
drwxr-xr-x 1 deanissa deanissa  512 Mar 11 12:44 latuhan2
-rw-r--r-- 1 deanissa deanissa   12 Mar 11 12:36 list
-rw-r--r-- 1 deanissa deanissa   12 Mar 11 12:38 list_direktori.tct
-rw-r--r-- 1 deanissa deanissa  126 Mar 11 12:33 list_direktori.txt
drwxr-xr-x 1 deanissa deanissa  512 Mar 17 11:09 mydir
-rw-r--r-- 1 deanissa deanissa  344 Mar 17 11:15 myerror.txt
-rw-r--r-- 1 deanissa deanissa   52 Mar 11 10:55 mylife.txt
drwxr-xr-x 1 deanissa deanissa  512 Apr 18 10:21 mylinux
-rw-r--r-- 1 deanissa deanissa   20 Mar 11 11:17 out
-rw-r--r-- 1 deanissa deanissa   56 Mar 11 11:00 out.txt
-rw-r--r-- 1 deanissa deanissa    0 Mar 11 11:18 output
-rw-r--r-- 1 deanissa deanissa 1507 Mar 21 09:46 pass
drwxr-xr-x 1 deanissa deanissa  512 Mar 21 09:44 play
drwxr-xr-x 1 deanissa deanissa  512 Mar 28 08:51 quiz
-rw-r--r-- 1 deanissa deanissa    0 Mar 11 12:44 rmdirerror.txt
-rw-r--r-- 1 deanissa deanissa   13 Mar 11 11:09 surat
drwxr-xr-x 1 deanissa deanissa  512 Apr 18 10:21 thelinux
-rw-r--r-- 1 deanissa deanissa  126 Mar 11 12:41 urut.txt
-rw-r--r-- 3 deanissa deanissa   17 Mar 17 11:06 z
```

```
deanissa@DESKTOP-9U498E1:~$ chmod u+x f1
deanissa@DESKTOP-9U498E1:~$ ls -l f1
-rwxr--r-- 1 deanissa deanissa 806 May 16 10:07 f1
deanissa@DESKTOP-9U498E1:~$ chmod g=w f1
deanissa@DESKTOP-9U498E1:~$ ls -l f1
-rwx-w-r-- 1 deanissa deanissa 806 May 16 10:07 f1
deanissa@DESKTOP-9U498E1:~$ chmod o-r f1
deanissa@DESKTOP-9U498E1:~$ ls -l f1
-rwx-w---- 1 deanissa deanissa 806 May 16 10:07 f1
deanissa@DESKTOP-9U498E1:~$ chmod a=x f2
deanissa@DESKTOP-9U498E1:~$ ls -l f2
---x--x--x 1 deanissa deanissa 806 May 16 10:07 f2
deanissa@DESKTOP-9U498E1:~$ chmod u+x,g-r,o=w f3
deanissa@DESKTOP-9U498E1:~$ ls -l f3
-rwx----w- 1 deanissa deanissa 806 May 16 10:07 f3
deanissa@DESKTOP-9U498E1:~$ chmod 751 f1
deanissa@DESKTOP-9U498E1:~$ chmod 624 f2
deanissa@DESKTOP-9U498E1:~$ chmod 430 f3
deanissa@DESKTOP-9U498E1:~$ ls -l f1 f2 f3
-rwxr-x--x 1 deanissa deanissa 806 May 16 10:07 f1
-rw--w-r-- 1 deanissa deanissa 806 May 16 10:07 f2
-r---wx--- 1 deanissa deanissa 806 May 16 10:07 f3
```

```
deanissa@DESKTOP-9U498E1:~$ echo Hallo > f1
deanissa@DESKTOP-9U498E1:~$ ls -l f1
-rwxr-x--x 1 deanissa deanissa 6 May 16 11:41 f1
deanissa@DESKTOP-9U498E1:~$ chown <user-baru> f1
-bash: user-baru: No such file or directory
deanissa@DESKTOP-9U498E1:~$ ls -l f1
-rwxr-x--x 1 deanissa deanissa 6 May 16 11:41 f1
deanissa@DESKTOP-9U498E1:~$ _
```

```
deanissa@DESKTOP-9U498E1:~$ chmod g+rwx /home/student
chmod: cannot access '/home/student': No such file or directory
deanissa@DESKTOP-9U498E1:~$ ls -l /home
total 0
drwxr-x--- 1 deanissa deanissa 512 Apr 18 10:01 deanissa
deanissa@DESKTOP-9U498E1:~$ exit_
```