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LATIHAN 2 PRAKTIKUM SISTEM OPERASI

1. Lihat semua file dan direktori /usr per halaman.

```
dhiya@dhiya-VirtualBox:~$ ls -l /usr | more
total 80
drwxr-xr-x   2 root root 40960 Feb  8 08:56 bin
drwxr-xr-x   2 root root  4096 Agu  6  2019 games
drwxr-xr-x   6 root root  4096 Jan 26 13:30 include
drwxr-xr-x 126 root root  4096 Jan 26 13:30 lib
drwxr-xr-x   2 root root  4096 Agu  6  2019 libexec
drwxr-xr-x  10 root root  4096 Agu  6  2019 local
drwxr-xr-x   2 root root  4096 Jan 26 13:32 sbin
drwxr-xr-x 245 root root 12288 Jan 26 13:30 share
drwxr-xr-x   4 root root  4096 Agu  6  2019 src
```

2. Lihat semua file dan direktori /usr dan carilah file yang mengandung kata "passwd".

```
dhiya@dhiya-VirtualBox:~$ ls -l /usr
total 80
drwxr-xr-x   2 root root 40960 Feb  8 08:56 bin
drwxr-xr-x   2 root root  4096 Agu  6  2019 games
drwxr-xr-x   6 root root  4096 Jan 26 13:30 include
drwxr-xr-x 126 root root  4096 Jan 26 13:30 lib
drwxr-xr-x   2 root root  4096 Agu  6  2019 libexec
drwxr-xr-x  10 root root  4096 Agu  6  2019 local
drwxr-xr-x   2 root root  4096 Jan 26 13:32 sbin
drwxr-xr-x 245 root root 12288 Jan 26 13:30 share
drwxr-xr-x   4 root root  4096 Agu  6  2019 src
dhiya@dhiya-VirtualBox:~$ find /usr -name 'passwd'
/usr/bin/passwd
/usr/share/bash-completion/completions/passwd
/usr/share/lintian/overrides/passwd
/usr/share/doc/passwd
```

3. Daftar file dari direktori / masukkan ke dalam file xx1.

```
dhiya@dhiya-VirtualBox:~$ ls -l / > xx1
dhiya@dhiya-VirtualBox:~$ cat xx1
total 1526776
drwxr-xr-x   2 root root      4096 Jan 26 13:30 bin
drwxr-xr-x   3 root root      4096 Jan 26 13:32 boot
drwxrwxr-x   2 root root      4096 Jan 26 13:21 cdrom
drwxr-xr-x  18 root root      4200 Feb 22 09:27 dev
drwxr-xr-x 123 root root     12288 Feb  8 08:55 etc
drwxr-xr-x   3 root root      4096 Jan 26 13:24 home
lrwxrwxrwx   1 root root        32 Jan 26 13:29 initrd.img -> boot/initrd.img-5
.0.0-23-generic
lrwxrwxrwx   1 root root        32 Jan 26 13:07 initrd.img.old -> boot/initrd.i
mg-5.0.0-23-generic
drwxr-xr-x  21 root root      4096 Jan 26 13:30 lib
drwxr-xr-x   2 root root      4096 Agu  6  2019 lib64
drwx------   2 root root     16384 Jan 26 13:07 lost+found
drwxr-xr-x   2 root root      4096 Agu  6  2019 media
drwxr-xr-x   2 root root      4096 Agu  6  2019 mnt
drwxr-xr-x   2 root root      4096 Agu  6  2019 opt
dr-xr-xr-x 218 root root         0 Feb 22 09:26 proc
```

4. Daftar file dari direktori /usr masukkan ke dalam file xx2.

```
dhiya@dhiya-VirtualBox:~$ ls -l /usr > xx2
dhiya@dhiya-VirtualBox:~$ ls
Desktop     Downloads          Music     prak1     Templates   xx1
Documents   examples.desktop   Pictures  Public    Videos      xx2
dhiya@dhiya-VirtualBox:~$ cat xx2
total 80
drwxr-xr-x   2 root root 40960 Feb  8 08:56 bin
drwxr-xr-x   2 root root  4096 Agu  6  2019 games
drwxr-xr-x   6 root root  4096 Jan 26 13:30 include
drwxr-xr-x 126 root root  4096 Jan 26 13:30 lib
drwxr-xr-x   2 root root  4096 Agu  6  2019 libexec
drwxr-xr-x  10 root root  4096 Agu  6  2019 local
drwxr-xr-x   2 root root  4096 Jan 26 13:32 sbin
drwxr-xr-x 245 root root 12288 Jan 26 13:30 share
drwxr-xr-x   4 root root  4096 Agu  6  2019 src
```

5. Daftar file dari direktori /bin masukkan ke dalam file xx3.

```
dhiya@dhiya-VirtualBox:~$ ls /bin > xx3
dhiya@dhiya-VirtualBox:~$ ls
Desktop     Downloads          Music     prak1   Templates  xx1  xx3
Documents   examples.desktop   Pictures  Public  Videos          xx2
dhiya@dhiya-VirtualBox:~$ cat xx3
bash
brltty
bunzip2
busybox
bzcat
bzcmp
bzdiff
bzegrep
bzexe
bzfgrep
bzgrep
bzip2
bzip2recover
bzless
bzmore
cat
```

6. Beberapa daftar file dari direktori /usr masukkan ke dalam file xx4.

```
dhiya@dhiya-VirtualBox:~$ ls /usr/local
bin  etc  games  include  lib  man  sbin  share  src
dhiya@dhiya-VirtualBox:~$ ls /usr/src
linux-headers-5.0.0-23  linux-headers-5.0.0-23-generic
dhiya@dhiya-VirtualBox:~$ ls /usr/local /usr/src > xx4
dhiya@dhiya-VirtualBox:~$ cat xx4
/usr/local:
bin
etc
games
include
lib
man
sbin
share
src

/usr/src:
linux-headers-5.0.0-23
linux-headers-5.0.0-23-generic
```

7. Gabunglah file xx1 dengan file xx2 dengan menggunakan perintah cat.

```
dhiya@dhiya-VirtualBox:~$ cat xx1 >> xx2
```

8. Gabunglah file xx2 dengan file xx3 dengan menggunakan perintah cat.

```
dhiya@dhiya-VirtualBox:~$ cat xx2 >> xx3
```

9. Siapkan file latihan dengan isi sebagai berikut :

> *Latihan dengan vi*
>
> *Baris awal yang ditulis*
> *Ini adalah Kalimat yang kedua*
> *Kalimat ketiga*

a. Hapus baris ke 2 dengan perintah dd.

```
Latihan dengan vi
Baris awal yang ditulis
Kalimat ketiga
~
~
~
~
~
~
~
~
~
~
```

b. Hapus 3 baris sekaligus dengan instruksi 3dd.

```
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
--No lines in buffer--
```

c. Batalkan penghapusan tersebut dengan u (undo).

```
Latihan dengan vi
Baris awal yang ditulis
Kalimat ketiga
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
3 more lines; before #2   16 seconds ago
```

10. Ketikkan text di bawah ini dengan menggunakan teks editor vi. Simpanlah
dengan nama teks.txt. Gunakan kunci-kunci vi.

> *Happiness doesn't always go with money.*
> *It often happens that success comes after many failures.*
> *I quite agree, though I never thought of this before.*
> *I'm very happy that your health is showing signs of*
> *improvement.*
> *All I want is some peace and quiet.*
> *We have visited this island year in year out and we*
> *never get bored.*
> *Everyone but myself, I said; to everyone else this be*
> *clear, but not to me.*
> *While I understand what you say, I can't agree with you.*
> *It gives me pleasure to see you looking happy.*
> *He has been able to tell us more about computer than*
> *anyone can do.*

Gunakan perintah di bawah ini untuk memeriksa apakah speling dari teks
berbahasa Inggris yang anda ketikkan di atas benar atau tidak:

> *$ spell teks.txt*

```
~$ vi text.txt
~$ cat text.txt
```

```
Happiness doesn't always go with money.
It often happens that success comes after many failures.
I quite agree, though I never thought of this before.
I'm very happy that your health is showing signs of improvement.
All I want is some peace and quiet.
We have visited this island year in year out and we never get bored.
Everyone but myself, I said; to everyone else this be clear, but not to me.
While I understand what you say, I can't agree with you.
It gives me pleasure to see you looking happy.
He has been able to tell us more aboyt computer than anyone can do.
```

```
~$ spell text.txt

aboyt
```