

PRAKTIKUM  
SISTEM OPERASI  
TUGAS 5



**Disusun :**

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PROGRAM STUDI SISTEM KOMPUTER  
FAKULTAS ILMU KOMPUTER  
UNIVERSITAS SRIWIJAYA  
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## 1. Eksekusi seluruh profile yang ada :

```
root@ubuntuhstynvs: /home/vboxuser
vboxuser@ubuntuhstynvs:~$ sudo
usage: sudo -h | -K | -k | -V
usage: sudo -v [-ABkNnS] [-g group] [-h host] [-p prompt] [-u user]
usage: sudo -l [-ABkNnS] [-g group] [-h host] [-p prompt] [-U user]
       [-u user] [command [arg ...]]
usage: sudo [-ABbEHkNnPS] [-r role] [-t type] [-C num] [-D directory]
       [-g group] [-h host] [-p prompt] [-R directory] [-T timeout]
       [-u user] [VAR=value] [-i | -s] [command [arg ...]]
usage: sudo -e [-ABkNnS] [-r role] [-t type] [-C num] [-D directory]
       [-g group] [-h host] [-p prompt] [-R directory] [-T timeout]
       [-u user] file ...
vboxuser@ubuntuhstynvs:~$ sudo su
[sudo] password for vboxuser:
root@ubuntuhstynvs:/home/vboxuser# echo "profile dari /etc/profile"
profile dari /etc/profile
root@ubuntuhstynvs:/home/vboxuser# echo "profile dari .bash_profile"
profile dari .bash_profile
root@ubuntuhstynvs:/home/vboxuser# echo "profile dari .bash_login"
profile dari .bash_login
root@ubuntuhstynvs:/home/vboxuser# echo "profile dari .profile"
profile dari .profile
root@ubuntuhstynvs:/home/vboxuser# echo "profile dari .bashrc"
profile dari .bashrc
root@ubuntuhstynvs:/home/vboxuser#
```

### ❖ Perbedaan su mahasiswa dan su - mahasiswa:

- su mahasiswa: Hanya mengganti user tetapi tetap menggunakan environment user sebelumnya.
- su - mahasiswa: Mengganti user dan memuat environment baru untuk user tersebut, termasuk profile-nya.

## 2. Prompt String (PS)

```
root@ubuntuhstynvs: /home/vboxuser
       [-g group] [-h host] [-p prompt] [-R directory] [-T timeout]
       [-u user] file ...
vboxuser@ubuntuhstynvs:~$ sudo su
[sudo] password for vboxuser:
root@ubuntuhstynvs:/home/vboxuser# echo "profile dari /etc/profile"
profile dari /etc/profile
root@ubuntuhstynvs:/home/vboxuser# echo "profile dari .bash_profile"
profile dari .bash_profile
root@ubuntuhstynvs:/home/vboxuser# echo "profile dari .bash_login"
profile dari .bash_login
root@ubuntuhstynvs:/home/vboxuser# echo "profile dari .profile"
profile dari .profile
root@ubuntuhstynvs:/home/vboxuser# echo "profile dari .bashrc"
profile dari .bashrc
root@ubuntuhstynvs:/home/vboxuser# ps1='> '
export ps1
root@ubuntuhstynvs:/home/vboxuser# ps1="\! > "
ps1^C
root@ubuntuhstynvs:/home/vboxuser# ps1="\! > "
ps1="\d > "
ps1="\t > "
ps1="Saya=\u > "
ps1="\w > "
ps1="\h > "
```

### 3. Logout

```
root@ubuntuhstynvs:/home/vboxuser# echo "Terima kasih atas sesi yang diberikan"
Terima kasih atas sesi yang diberikan
sleep 5
clear
Terima kasih atas sesi yang diberikan sleep 5 clear
root@ubuntuhstynvs:/home/vboxuser#
```

### 4. Bash script

```
root@ubuntuhstynvs:/home/vboxuser# ps x
root@ubuntuhstynvs:/home/vboxuser# ./p1.sh ; ./p3.sh ; ./p2.sh
./p1.sh &
./p2.sh & ./p3.sh &
( ./p1.sh ; ./p3.sh ) &
bash: ./p1.sh: No such file or directory
bash: ./p3.sh: No such file or directory
[1] 53470
[2] 53471
bash: ./p2.sh: No such file or directory
bash: ./p2.sh: No such file or directory
[3] 53472
[4] 53473
bash: ./p3.sh: No such file or directory
[1] Exit 127 ./p2.sh ./p1.sh
[2] Exit 127 ./p2.sh
bash: line 13: ./p1.sh: No such file or directory
root@ubuntuhstynvs:/home/vboxuser# bash: line 13: ./p3.sh: No such file or directory
[3]- Exit 127 ./p3.sh
[4]+ Exit 127 ( ./p1.sh; ./p3.sh )
root@ubuntuhstynvs:/home/vboxuser#
root@ubuntuhstynvs:/home/vboxuser#
```

## 5. Jobs

```
root@ubuntuhstynvs:/home/vboxuser
[3]- Exit 127          ./p3.sh
[4]+ Exit 127          ( ./p1.sh; ./p3.sh )
root@ubuntuhstynvs:/home/vboxuser#
root@ubuntuhstynvs:/home/vboxuser# #! /bin/bash
while [ true ]
do
    date >> hasil
    sleep 10
done
root@ubuntuhstynvs:/home/vboxuser# ./pwaktu.sh &
[1] 54480
bash: ./pwaktu.sh: No such file or directory
root@ubuntuhstynvs:/home/vboxuser# find / -print > files 2>/dev/null &
[2] 54637
[1] Exit 127          ./pwaktu.sh
root@ubuntuhstynvs:/home/vboxuser# fg %1
bash: fg: %1: no such job
root@ubuntuhstynvs:/home/vboxuser# bg
bash: bg: job 2 already in background
root@ubuntuhstynvs:/home/vboxuser# kill [nomor PID]
bash: kill: [nomor: arguments must be process or job IDs
bash: kill: PID]: arguments must be process or job IDs
[2]+ Exit 1          find / -print > files 2> /dev/null
root@ubuntuhstynvs:/home/vboxuser#
```

## 6. History

```
root@ubuntuhstynvs:/home/vboxuser# HISTSIZE=20
root@ubuntuhstynvs:/home/vboxuser# !-5
find / -print > files 2>/dev/null &
[1] 55512
root@ubuntuhstynvs:/home/vboxuser# !!
find / -print > files 2>/dev/null &
[2] 55574
[1] Exit 1          find / -print > files 2> /dev/null
root@ubuntuhstynvs:/home/vboxuser# !150
bash: !150: event not found
root@ubuntuhstynvs:/home/vboxuser# !ls
bash: !ls: event not found
[2]+ Exit 1          find / -print > files 2> /dev/null
root@ubuntuhstynvs:/home/vboxuser#
```