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Kelas   : TI-1B

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Alamat Github   : https://github.com/athiffakhrudin64/sistem-operasi.git

LAPORAN TUGAS PRAKTIKUM		
No	Jenis Pratikum	Foto
1	Manajemen File	
2	Manajemen Proses	Langkah-langkah mematikan perintah menggunakan perintah "kill" 1. Temukan PID (Process ID) dari proses gunakan perintah ps -def 2. Hentikan proses dengan kill su kill <PID> 3. Jika proses tidak mati, gunakan sinyal -9 untuk memaksa penghentian: sudo kill -9 <PID>

| 3 | Pengelolaan izin file | ```
Welcome to Cloud Shell! Type "help" to get started.
To set your Cloud Platform project in this session use "gcloud config set project [PROJECT_ID]"
fakhrudinathif0@cloudshell:~$ cd tugas_sistem_operasi
fakhrudinathif0@cloudshell:~/tugas_sistem_operasi$ chmod 700 script.sh
fakhrudinathif0@cloudshell:~/tugas_sistem_operasi$ ls -1
backup
data1.txt
script.sh
fakhrudinathif0@cloudshell:~/tugas_sistem_operasi$
``` |
| 4 | Shell Scripting | ```
Welcome to Cloud Shell! Type "help" to get started.
To set your Cloud Platform project in this session use "gcloud config set project [PROJECT_ID]"
fakhrudinathif0@cloudshell:~$ cd tugas_sistem_operasi
fakhrudinathif0@cloudshell:~/tugas_sistem_operasi$ nano info_system.sh
fakhrudinathif0@cloudshell:~/tugas_sistem_operasi$ ls
backup  data1.txt  info_syatem.sh  info_system  info_system.sh  script.sh
fakhrudinathif0@cloudshell:~/tugas_sistem_operasi$ cat info_system.sh
#!/bin/bash

# Menampilkan Waktu saat ini
echo "Waktu saat ini: $(date)"

# Menampilkan nama pengguna yang sedang login
echo "Pengguna yang sedang login: $(whoami)"

# Menampilkan total pengguna disk di sistem
echo "total pengguna disk di sistem:"
df -h | grep '^/' #Menampilkan informasi disk yang digunakan

fakhrudinathif0@cloudshell:~/tugas_sistem_operasi$ chmod +x info_system.sh
fakhrudinathif0@cloudshell:~/tugas_sistem_operasi$ ./info_system.sh
Waktu saat ini: Wed Dec  4 04:11:23 PM UTC 2024
Pengguna yang sedang login: fakhrudinathif0
total pengguna disk di sistem:
/dev/sda1                          95G   60G   35G  63% /root
/dev/disk/by-id/google-home-part1  4.8G   21M  4.6G   1% /home
/dev/root                          2.0G  1.2G  814M  59% /usr/lib/modules
fakhrudinathif0@cloudshell:~/tugas_sistem_operasi$
``` |

5	Manajemen Jaringan	

```
lindasetia40@cloudshell:~/tugas_sistem_operasi (rare-hub-435908-v2)$ ping www.google.com
PING www.google.com (142.251.10.99) 56(84) bytes of data.
64 bytes from sd-in-f99.1e100.net (142.251.10.99): icmp_seq=1 ttl=114 time=3.52 ms
64 bytes from sd-in-f99.1e100.net (142.251.10.99): icmp_seq=2 ttl=114 time=0.641 ms
64 bytes from sd-in-f99.1e100.net (142.251.10.99): icmp_seq=3 ttl=114 time=0.587 ms
64 bytes from sd-in-f99.1e100.net (142.251.10.99): icmp_seq=4 ttl=114 time=0.561 ms
64 bytes from sd-in-f99.1e100.net (142.251.10.99): icmp_seq=5 ttl=114 time=0.575 ms
64 bytes from sd-in-f99.1e100.net (142.251.10.99): icmp_seq=6 ttl=114 time=0.599 ms
64 bytes from sd-in-f99.1e100.net (142.251.10.99): icmp_seq=7 ttl=114 time=0.552 ms
64 bytes from sd-in-f99.1e100.net (142.251.10.99): icmp_seq=8 ttl=114 time=0.581 ms
64 bytes from sd-in-f99.1e100.net (142.251.10.99): icmp_seq=9 ttl=114 time=0.537 ms
64 bytes from sd-in-f99.1e100.net (142.251.10.99): icmp_seq=10 ttl=114 time=0.580 ms
64 bytes from sd-in-f99.1e100.net (142.251.10.99): icmp_seq=11 ttl=114 time=0.573 ms
64 bytes from sd-in-f99.1e100.net (142.251.10.99): icmp_seq=12 ttl=114 time=0.585 ms
64 bytes from sd-in-f99.1e100.net (142.251.10.99): icmp_seq=13 ttl=114 time=0.585 ms
64 bytes from sd-in-f99.1e100.net (142.251.10.99): icmp_seq=14 ttl=114 time=0.607 ms
64 bytes from sd-in-f99.1e100.net (142.251.10.99): icmp_seq=15 ttl=114 time=0.544 ms
64 bytes from sd-in-f99.1e100.net (142.251.10.99): icmp_seq=16 ttl=114 time=0.588 ms
64 bytes from sd-in-f99.1e100.net (142.251.10.99): icmp_seq=17 ttl=114 time=0.612 ms
64 bytes from sd-in-f99.1e100.net (142.251.10.99): icmp_seq=18 ttl=114 time=0.575 ms
64 bytes from sd-in-f99.1e100.net (142.251.10.99): icmp_seq=19 ttl=114 time=0.615 ms
64 bytes from sd-in-f99.1e100.net (142.251.10.99): icmp_seq=20 ttl=114 time=0.542 ms
64 bytes from sd-in-f99.1e100.net (142.251.10.99): icmp_seq=21 ttl=114 time=0.572 ms
64 bytes from sd-in-f99.1e100.net (142.251.10.99): icmp_seq=22 ttl=114 time=0.593 ms
64 bytes from sd-in-f99.1e100.net (142.251.10.99): icmp_seq=23 ttl=114 time=0.548 ms
64 bytes from sd-in-f99.1e100.net (142.251.10.99): icmp_seq=24 ttl=114 time=0.552 ms
64 bytes from sd-in-f99.1e100.net (142.251.10.99): icmp_seq=25 ttl=114 time=0.559 ms
64 bytes from sd-in-f99.1e100.net (142.251.10.99): icmp_seq=26 ttl=114 time=0.573 ms
64 bytes from sd-in-f99.1e100.net (142.251.10.99): icmp_seq=27 ttl=114 time=0.590 ms
64 bytes from sd-in-f99.1e100.net (142.251.10.99): icmp_seq=28 ttl=114 time=0.572 ms
```

```
64 bytes from sd-in-f99.1e100.net (142.251.10.99): icmp_seq=165 ttl=114 time=0.525 ms
64 bytes from sd-in-f99.1e100.net (142.251.10.99): icmp_seq=166 ttl=114 time=0.611 ms
64 bytes from sd-in-f99.1e100.net (142.251.10.99): icmp_seq=167 ttl=114 time=0.668 ms
64 bytes from sd-in-f99.1e100.net (142.251.10.99): icmp_seq=168 ttl=114 time=0.578 ms
64 bytes from sd-in-f99.1e100.net (142.251.10.99): icmp_seq=169 ttl=114 time=0.635 ms
64 bytes from sd-in-f99.1e100.net (142.251.10.99): icmp_seq=170 ttl=114 time=0.556 ms
64 bytes from sd-in-f99.1e100.net (142.251.10.99): icmp_seq=171 ttl=114 time=0.569 ms
64 bytes from sd-in-f99.1e100.net (142.251.10.99): icmp_seq=172 ttl=114 time=0.544 ms
64 bytes from sd-in-f99.1e100.net (142.251.10.99): icmp_seq=173 ttl=114 time=0.599 ms
64 bytes from sd-in-f99.1e100.net (142.251.10.99): icmp_seq=174 ttl=114 time=0.681 ms
64 bytes from sd-in-f99.1e100.net (142.251.10.99): icmp_seq=175 ttl=114 time=0.542 ms
64 bytes from sd-in-f99.1e100.net (142.251.10.99): icmp_seq=176 ttl=114 time=0.516 ms
64 bytes from sd-in-f99.1e100.net (142.251.10.99): icmp_seq=177 ttl=114 time=0.646 ms
64 bytes from sd-in-f99.1e100.net (142.251.10.99): icmp_seq=178 ttl=114 time=0.601 ms
^C
--- www.google.com ping statistics ---
178 packets transmitted, 178 received, 0% packet loss, time 181218ms
rtt min/avg/max/mdev = 0.516/0.614/3.519/0.223 ms
lindasetia40@cloudshell:~/tugas_sistem_operasi (rare-hub-435908-v2)$ ping -c 5 www.google.com
PING www.google.com (142.251.10.99) 56(84) bytes of data.
64 bytes from sd-in-f99.1e100.net (142.251.10.99): icmp_seq=1 ttl=114 time=3.05 ms
64 bytes from sd-in-f99.1e100.net (142.251.10.99): icmp_seq=2 ttl=114 time=0.694 ms
64 bytes from sd-in-f99.1e100.net (142.251.10.99): icmp_seq=3 ttl=114 time=0.644 ms
64 bytes from sd-in-f99.1e100.net (142.251.10.99): icmp_seq=4 ttl=114 time=0.600 ms
64 bytes from sd-in-f99.1e100.net (142.251.10.99): icmp_seq=5 ttl=114 time=0.680 ms

--- www.google.com ping statistics ---
5 packets transmitted, 5 received, 0% packet loss, time 4073ms
rtt min/avg/max/mdev = 0.600/1.132/3.045/0.956 ms
lindasetia40@cloudshell:~/tugas_sistem_operasi (rare-hub-435908-v2)$
```