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Kelas : TI.1A

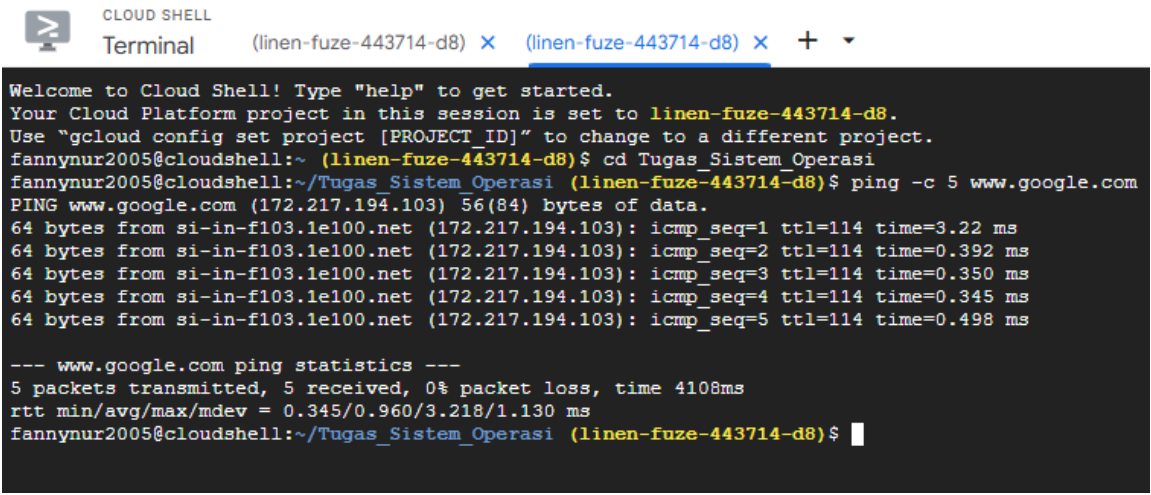
NIM : 2402021

Alamat Github : <https://github.com/Fannynurazizah/Sistem-Operasi.git>

LAPORAN TUGAS PRAKTIKUM

No	Jenis Praktikum	Foto
1	Manajemen File	<pre>fannynur2005@cloudshell:~ (linen-fuze-443714-d8)\$ mkdir Tugas_Sistem_Operasi fannynur2005@cloudshell:~ (linen-fuze-443714-d8)\$ cd Tugas_Sistem_Operasi fannynur2005@cloudshell:~/Tugas_Sistem_Operasi (linen-fuze-443714-d8)\$ touch data1.txt data2.txt fannynur2005@cloudshell:~/Tugas_Sistem_Operasi (linen-fuze-443714-d8)\$ touch script.sh fannynur2005@cloudshell:~/Tugas_Sistem_Operasi (linen-fuze-443714-d8)\$ mkdir backup fannynur2005@cloudshell:~/Tugas_Sistem_Operasi (linen-fuze-443714-d8)\$ mv data2.txt backup/ fannynur2005@cloudshell:~/Tugas_Sistem_Operasi (linen-fuze-443714-d8)\$ ls -r script.sh data1.txt backup fannynur2005@cloudshell:~/Tugas_Sistem_Operasi (linen-fuze-443714-d8)\$ ls backup data2.txt fannynur2005@cloudshell:~/Tugas_Sistem_Operasi (linen-fuze-443714-d8)\$</pre>
2	Manajemen Proses	<p>Langkah-langkah mematikan perintah menggunakan perintah “kill”</p> <ol style="list-style-type: none">1. Tentukan PID (Process ID) dari proses gunakan perintah ps -def2. Hentikan proses dengan kill “su kill <PID>”3. Jika proses tidak mati,gunakan sinyal -9 untuk memaksa penghentian: sudo kill -9 <PID> <pre>fannynur2005@cloudshell:~ (linen-fuze-443714-d8)\$ ps -def UID PID PPID C STIME TTY TIME CMD root 1 0 0 14:16 ? 00:00:00 /bin/bash /google/scripts/onrun.sh sleep infinity syslog 9 1 0 14:16 ? 00:00:00 /usr/sbin/rsyslogd root 25 1 0 14:16 ? 00:00:01 /usr/bin/python /usr/bin/supervisord -n -c /google/devshell/supervisord.conf --pidfile=/var/run/supervisor.pid --logfi root 26 1 0 14:16 ? 00:00:00 logger -t supervisord root 70 1 0 14:16 ? 00:00:00 sshd: /usr/sbin/sshd -p 22 -o AuthorizedKeysFile=/etc/ssh/keys/authorized_keys (listener) 0 of 10-60 startups root 210 1 0 14:16 ? 00:00:00 /usr/bin/dockerd -p /var/run/docker.pid --mtu=1460 --registry-mirror=https://asia-mirror.gcr.io root 268 210 0 14:16 ? 00:00:03 containerd --config /var/run/docker/containerd/containerd.toml root 277 1 0 14:16 ? 00:00:00 /google/devshell/editor/proxy/editor-proxy --static-content-dir=/google/devshell/editor/theia/lib --etag-file=/google/de root 278 25 0 14:16 ? 00:00:00 sudo /google/devshell/tmux-agent root 282 278 0 14:16 ? 00:00:00 /google/devshell/tmux-agent root 445 1 0 14:16 ? 00:00:00 sleep infinity fannynur+ 465 1 0 14:17 ? 00:00:00 tmux new-session -A -D -n cloudshell -s 302480865 fannynur+ 466 465 0 14:17 pts/2 00:00:00 -bash fannynur+ 897 465 0 14:33 pts/3 00:00:00 -bash root 1370 70 0 15:16 ? 00:00:00 sshd: fannynur2005 [priv] root 1372 70 0 15:17 ? 00:00:00 sshd: fannynur2005 [priv] fannynur+ 1374 70 0 15:17 ? 00:00:00 sshd: fannynur2005pts/0 fannynur+ 1375 1374 0 15:17 pts/0 00:00:00 bash -c (sudo touch /var/run/google/devshell/42841 &) fannynur+ 1376 1375 0 15:17 ? 00:00:00 /bin/bash --nrc --noprofile fannynur+ 1379 1375 0 15:17 pts/0 00:00:00 /bin/bash --nrc --noprofile fannynur+ 1382 1376 0 15:17 pts/1 00:00:00 bash -c if [-f /google/devshell/start-shell.sh]; then /google/devshell/start-shell.sh '' 'linen-fuze-443714-d8' fannynur+ 1383 1382 0 15:17 pts/1 00:00:00 /bin/bash /google/devshell/start-shell.sh linen-fuze-443714-d8 306103367 false fannynur+ 1387 1383 0 15:17 pts/1 00:00:00 tmux new-session -A -D -n cloudshell -s 306103367 fannynur+ 1388 465 0 15:17 pts/4 00:00:00 -bash fannynur+ 1749 1388 0 15:19 pts/4 00:00:00 ps -def fannynur2005@cloudshell:~ (linen-fuze-443714-d8)\$ su kill <1387> -bash: syntax error near unexpected token `1387' fannynur2005@cloudshell:~ (linen-fuze-443714-d8)\$ su kill `1387`</pre> <p>Activate Windows Go to Settings to activate Windows.</p>
3	Pengelolaan Izin File	<pre>fannynur2005@cloudshell:~ (linen-fuze-443714-d8)\$ cd Tugas_Sistem_Operasi fannynur2005@cloudshell:~/Tugas_Sistem_Operasi (linen-fuze-443714-d8)\$ chmod 700 script.sh fannynur2005@cloudshell:~/Tugas_Sistem_Operasi (linen-fuze-443714-d8)\$ ls -l total 4 drwxrwxr-x 2 fannynur2005 fannynur2005 4096 Dec 4 14:40 backup -rw-rw-r-- 1 fannynur2005 fannynur2005 0 Dec 4 14:37 data1.txt -rwx----- 1 fannynur2005 fannynur2005 0 Dec 4 14:38 script.sh</pre>



4	Shell Scripting	<pre> brajamukti61@cloudshell:~ (sincere-strata-442807-d1)\$ touch info_system brajamukti61@cloudshell:~ (sincere-strata-442807-d1)\$ touch info_system.sh brajamukti61@cloudshell:~ (sincere-strata-442807-d1)\$ vi info_system.sh brajamukti61@cloudshell:~ (sincere-strata-442807-d1)\$ cat info_system brajamukti61@cloudshell:~ (sincere-strata-442807-d1)\$ cat info_system.sh # menampilkan waktu saat ini date # menampilkan nama pengguna yang sedang login whoami # menampilkan total disk df -h brajamukti61@cloudshell:~ (sincere-strata-442807-d1)\$ chmod +x info_system brajamukti61@cloudshell:~ (sincere-strata-442807-d1)\$ chmod +x info_system.sh brajamukti61@cloudshell:~ (sincere-strata-442807-d1)\$./info_system brajamukti61@cloudshell:~ (sincere-strata-442807-d1)\$./info_system.sh Mon Dec 2 09:28:09 AM UTC 2024 brajamukti61 Filesystem Size Used Avail Use% Mounted on overlay 95G 60G 35G 63% / tmpfs 64M 0 64M 0% /dev /dev/sda1 95G 60G 35G 63% /root /dev/disk/by-id/google-home-part1 4.8G 20M 4.6G 1% /home /dev/root 2.0G 1.2G 814M 59% /usr/lib/modules shm 64M 0 64M 0% /dev/shm tmpfs 1.6G 876K 1.6G 1% /google/host/var/run gcfsd 1.2M 1.2M 0 100% /google/host/var/run/gcfsd/mnt shm 64M 0 64M 0% /google/host/var/run/containerd/io.containerd.grpc.v1.cri/sandboxes/b19350c5523327220a62317a38c4deb116cc1d8af8e1f81ca692f0b329326cc7/shm shm 64M 0 64M 0% /google/host/var/run/containerd/io.containerd.grpc.v1.cri/sandboxes/9e941c8c1dc70b519f746c1578a69e2eb72f3a29c7534212962c74c9738b3be2/shm brajamukti61@cloudshell:~ (sincere-strata-442807-d1)\$ </pre>
5	Manajemen Jaringan	 <p>The screenshot shows a Cloud Shell terminal window with the title "Terminal (linen-fuze-443714-d8)". The terminal output displays a successful ping to www.google.com with the following statistics:</p> <pre> Welcome to Cloud Shell! Type "help" to get started. Your Cloud Platform project in this session is set to linen-fuze-443714-d8. Use "gcloud config set project [PROJECT_ID]" to change to a different project. fannynur2005@cloudshell:~ (linen-fuze-443714-d8)\$ cd Tugas_Sistem_Operasi fannynur2005@cloudshell:~/Tugas_Sistem_Operasi (linen-fuze-443714-d8)\$ ping -c 5 www.google.com PING www.google.com (172.217.194.103) 56(84) bytes of data: 64 bytes from si-in-f103.1e100.net (172.217.194.103): icmp_seq=1 ttl=114 time=3.22 ms 64 bytes from si-in-f103.1e100.net (172.217.194.103): icmp_seq=2 ttl=114 time=0.392 ms 64 bytes from si-in-f103.1e100.net (172.217.194.103): icmp_seq=3 ttl=114 time=0.350 ms 64 bytes from si-in-f103.1e100.net (172.217.194.103): icmp_seq=4 ttl=114 time=0.345 ms 64 bytes from si-in-f103.1e100.net (172.217.194.103): icmp_seq=5 ttl=114 time=0.498 ms --- www.google.com ping statistics --- 5 packets transmitted, 5 received, 0% packet loss, time 4108ms rtt min/avg/max/mdev = 0.345/0.960/3.218/1.130 ms fannynur2005@cloudshell:~/Tugas_Sistem_Operasi (linen-fuze-443714-d8)\$ </pre>

