

Nama : Ayu Dyah Aprilia

Kelas : TI-1A

NIM : 2402009

Alamat Ghitub : <https://github.com/AyudyahApriliaa/Sistem-operasi.git>

LAPORAN TUGAS PRAKTIKUM		
No.	Jenis Praktikum	Foto
1.	Manajemen File	<pre>Welcome to Cloud Shell! Type "help" to get started. Your Cloud Platform project in this session is set to high-task-443506-p8. Use "gcloud config set project [PROJECT_ID]" to change to a different project. dyahajaayu@cloudshell:~ (high-task-443506-p8)\$ mkdir tugas_sistem_operasi mkdir: cannot create directory 'tugas_sistem_operasi': File exists dyahajaayu@cloudshell:~ (high-task-443506-p8)\$ echo "testing" > data1.txt dyahajaayu@cloudshell:~ (high-task-443506-p8)\$ echo "testing" > data2.txt dyahajaayu@cloudshell:~ (high-task-443506-p8)\$ mv data1.txt mv: missing destination file operand after 'data1.txt' Try 'mv --help' for more information. dyahajaayu@cloudshell:~ (high-task-443506-p8)\$ mv data1.txt tugas_sistem_operasi dyahajaayu@cloudshell:~ (high-task-443506-p8)\$ mv data2.txt tugas_sistem_operasi dyahajaayu@cloudshell:~ (high-task-443506-p8)\$ ls tugas_sistem_operasi data1.txt data2.txt dyahajaayu@cloudshell:~ (high-task-443506-p8)\$ cd tugas_sistem_operasi dyahajaayu@cloudshell:~/tugas_sistem_operasi (high-task-443506-p8)\$ mkdir backup dyahajaayu@cloudshell:~/tugas_sistem_operasi (high-task-443506-p8)\$ mv data2.txt backup/ dyahajaayu@cloudshell:~/tugas_sistem_operasi (high-task-443506-p8)\$ ls backup data2.txt dyahajaayu@cloudshell:~/tugas_sistem_operasi (high-task-443506-p8)\$</pre>
2.	Manajemen Proses	<pre>dyahajaayu@cloudshell:~/tugas_sistem_operasi (high-task-443506-p8)\$ ps aux USER PID %CPU %MEM VSZ RSS TTY STAT START TIME COMMAND root 1 0.0 0.0 4324 3336 ? Ss 08:43 0:00 /bin/bash /google/scripts/run.sh sleep infinity root 9 0.0 0.0 282140 2808 ? Sl 08:43 0:00 /usr/sbin/sshd root 25 0.0 0.0 39004 2892 ? S 08:43 0:00 /usr/sbin/python3 /usr/sbin/supervisord -n -c /google/devshell/supervisord.conf --pidfile=/var/run/supervisor.pid --logfile=/var/log/sup root 26 0.0 0.0 6196 1452 ? S 08:43 0:00 logger -t supervisord root 70 0.0 0.0 12020 4200 ? Ss 08:43 0:00 sshd: /usr/sbin/sshd -o 22 -o AuthorizedKeysFile=/etc/ssh/keys/authorized_keys (listen) 9 of 10-00 startups root 209 0.0 0.0 2860060 74028 ? Sl 08:43 0:00 /usr/sbin/docker -s /var/run/docker.pid --user=1460 --registry-mirror=https://asia-mirror.gcr.io root 264 0.0 0.0 1809564 44316 ? Sl 08:43 0:01 containerd --config /var/run/docker/containerd/containerd.toml root 270 0.0 0.0 1231968 4764 ? Sl 08:43 0:00 /google/devshell/editor/proxy-editor-proxy --static-content-dir=/google/devshell/editor/this/lib --etag-file=/google/devshell/editor/p root 271 0.0 0.0 16320 4300 ? S 08:43 0:00 sudo /google/devshell/tmux-agent root 275 0.0 0.0 1224100 1362 ? Sl 08:43 0:00 /google/devshell/tmux-agent root 440 0.0 0.0 2656 1364 ? S 08:43 0:00 sleep infinity root 441 0.0 0.1 16504 4254 ? Ss 08:43 0:00 sshd: dyahajaayu@priv root 443 0.0 0.1 14082 8204 ? Ss 08:43 0:00 sshd: dyahajaayu@priv dyahaja+ 447 0.0 0.0 14352 4428 ? Ss 08:43 0:00 sshd: dyahajaayu@pts/0 dyahaja+ 448 0.0 0.0 14352 4444 ? Ss 08:43 0:00 sshd: dyahajaayu@pts/1 dyahaja+ 449 0.0 0.0 7340 3540 pts/0 Ss 08:43 0:00 bash -c (sudo touch /var/run/google/devshell/35787 4) dyahaja+ 452 0.0 0.0 7604 4280 pts/0 Ss 08:43 0:00 /bin/bash --rcp --rcpfile dyahaja+ 453 0.0 0.0 7340 2724 pts/1 Ss 08:43 0:00 bash -c if [-f /google/devshell/start-shell.sh]; then /google/devshell/start-shell.sh '' 'high-task-443506-p8' '' '10462409' dyahaja+ 454 0.0 0.0 7340 3552 pts/1 Ss 08:43 0:00 /bin/bash /google/devshell/start-shell.sh high-task-443506-p8 10462409 false dyahaja+ 460 0.0 0.0 6880 2264 pts/1 Ss 08:43 0:00 tmux new-session -A -D -n cloudshell -s 10462409 dyahaja+ 462 0.0 0.0 7268 2708 ? Ss 08:43 0:00 tmux new-session -A -D -n cloudshell -s 10462409 dyahaja+ 463 0.0 0.0 9792 5916 pts/2 Ss 08:43 0:00 bash dyahaja+ 505 0.0 0.0 8782 2784 pts/4 Ss 08:43 0:00 bash root 1189 0.0 0.1 14082 4208 ? Ss 08:44 0:00 sshd: dyahajaayu@priv dyahaja+ 1191 0.0 0.0 14352 4492 ? Ss 08:44 0:00 sshd: dyahajaayu@pts/5 dyahaja+ 1192 0.0 0.0 7340 3604 pts/5 Ss 08:44 0:00 bash -c if [-f /google/devshell/start-shell.sh]; then /google/devshell/start-shell.sh '' 'high-task-443506-p8' '' '10812097' dyahaja+ 1193 0.0 0.0 7340 2780 pts/5 Ss 08:44 0:00 /bin/bash /google/devshell/start-shell.sh high-task-443506-p8 10812097 false dyahaja+ 1197 0.0 0.0 6880 2352 pts/5 Ss 08:44 0:00 tmux new-session -A -D -n cloudshell -s 10812097 dyahaja+ 1226 0.0 0.0 10888 4684 pts/2 Rc 09:10 0:00 ps aux dyahajaayu@cloudshell:~/tugas_sistem_operasi (high-task-443506-p8)\$ kill 1197</pre>
3.	Pengelolaan izin file	<pre>dyahajaayu@cloudshell:~/tugas_sistem_operasi (high-task-443506-p8)\$ touch script.sh dyahajaayu@cloudshell:~/tugas_sistem_operasi (high-task-443506-p8)\$ chmod 700 script.sh dyahajaayu@cloudshell:~/tugas_sistem_operasi (high-task-443506-p8)\$ ls -l script.sh -rwx----- 1 dyahajaayu dyahajaayu 0 Dec 2 08:51 script.sh dyahajaayu@cloudshell:~/tugas_sistem_operasi (high-task-443506-p8)\$</pre>
4.	Shell Scripting	<pre>dyahajaayu@cloudshell:~/tugas_sistem_operasi (high-task-443506-p8)\$ vi info_system.sh dyahajaayu@cloudshell:~/tugas_sistem_operasi (high-task-443506-p8)\$ chmod +x info_system.sh dyahajaayu@cloudshell:~/tugas_sistem_operasi (high-task-443506-p8)\$./info_system.sh Mon Dec 2 09:07:02 AM UTC 2024 dyahajaayu Filesystem Size Used Avail Use% Mounted on overlay 95G 69G 35G 63% / tmpfs 64M 0 64M 0% /dev /dev/sda1 95G 69G 35G 63% /root /dev/disk/by-id/google-home-part1 4.9G 20M 4.6G 1% /home /dev/root 2.0G 1.2G 154M 59% /usr/lib/modules shm 64M 0 64M 0% /dev/shm tmpfs 1.4G 876K 1.4G 1% /google/host/var/run tmpfs 1.2M 1.2M 0 100% /google/host/var/run/gfsd/mnt shm 64M 0 64M 0% /google/host/var/run/containerd/io.containerd.grpc.v1.cri/sandboxes/60373bf3e56d5e9074431c1b04e1197101e10d0b3a1275164e6409946/shm shm 64M 0 64M 0% /google/host/var/run/containerd/io.containerd.grpc.v1.cri/sandboxes/602e87cd5ea9a90851f5a1e98288a8c9593c42b174f5e5b1f1e57d0cc0/shm dyahajaayu@cloudshell:~/tugas_sistem_operasi (high-task-443506-p8)\$</pre>

5.	Manajemen Jaringan	<pre> dyahajaayu@cloudshell:~/tugas_sistem_operasi (high-task-443506-p8)\$ ping -c 5 www.google.com PING www.google.com (142.251.10.106) 56(84) bytes of data. 64 bytes from sd-in-f106.1e100.net (142.251.10.106): icmp_seq=1 ttl=117 time=2.54 ms 64 bytes from sd-in-f106.1e100.net (142.251.10.106): icmp_seq=2 ttl=117 time=0.465 ms 64 bytes from sd-in-f106.1e100.net (142.251.10.106): icmp_seq=3 ttl=117 time=0.535 ms 64 bytes from sd-in-f106.1e100.net (142.251.10.106): icmp_seq=4 ttl=117 time=0.449 ms 64 bytes from sd-in-f106.1e100.net (142.251.10.106): icmp_seq=5 ttl=117 time=0.466 ms --- www.google.com ping statistics --- 5 packets transmitted, 5 received, 0% packet loss, time 4064ms rtt min/avg/max/mdev = 0.449/0.891/2.540/0.825 ms dyahajaayu@cloudshell:~/tugas_sistem_operasi (high-task-443506-p8)\$ </pre>
----	--------------------	--