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

LAPORAN TUGAS PRAKTIKUM

No.	Jenis Praktikum	Foto
1	Manajemen File	<pre>f83012332@cloudshell:~\$ mkdir tugas_sistem_operasi mkdir: cannot create directory 'tugas_sistem_operasi': File exists f83012332@cloudshell:~\$ cd tugas_sistem_operasi/ f83012332@cloudshell:~/tugas_sistem_operasi\$ touch data1.txt data2.txt f83012332@cloudshell:~/tugas_sistem_operasi\$ mkdir backup mkdir: cannot create directory 'backup': File exists f83012332@cloudshell:~/tugas_sistem_operasi\$ mv data2.txt backup/ f83012332@cloudshell:~/tugas_sistem_operasi\$ ls -r data1.txt backup f83012332@cloudshell:~/tugas_sistem_operasi\$ ls backup f83012332@cloudshell:~/tugas_sistem_operasi\$</pre>
2	Manajemen Proses	<pre>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]" f83012332@cloudshell:~\$ ps aux USER PID %CPU %MEM VSZ RSS TTY STAT START TIME COMMAND root 1 0.0 0.0 4324 3252 ? Ss 01:14 0:00 /bin/bash /google/s syslog 10 0.0 0.0 222140 2732 ? Ssl 01:14 0:00 /usr/sbin/rsyslogd root 26 0.0 0.3 39004 28748 ? S 01:14 0:00 /usr/bin/python /us root 27 0.0 0.0 6196 1584 ? S 01:14 0:00 logger -t supervisio root 71 0.0 0.0 12020 4012 ? Ss 01:14 0:00 sshd: /usr/sbin/sshd root 210 0.0 0.9 1912604 74812 ? Sl 01:14 0:00 /usr/bin/dockerd -p root 269 0.1 0.5 1800832 42956 ? Ssl 01:15 0:01 containerd --config root 275 0.0 0.0 1230096 4884 ? Sl 01:15 0:00 /google/devshell/ed root 276 0.0 0.0 16320 6248 ? S 01:15 0:00 sudo /google/devshe root 280 0.0 0.0 1225844 1936 ? Sl 01:15 0:00 /google/devshell/tm root 444 0.0 0.0 2896 1076 ? S 01:15 0:00 sleep infinity root 445 0.0 0.0 14092 7756 ? Ss 01:15 0:00 sshd: f83012332 [pr root 447 0.0 0.0 14092 7756 ? Ss 01:15 0:00 sshd: f83012332 [pr f8301233+ 449 0.0 0.0 14352 6200 ? Ss 01:15 0:00 sshd: f83012332pts f8301233+ 450 0.0 0.0 7340 3764 pts/0 Ss 01:15 0:00 bash -c (sudo touch f8301233+ 458 0.0 0.0 7340 3764 pts/1 Ss+ 02:26 0:00 /bin/bash /google/devshell f8301233+ 459 0.0 0.0 6880 3180 pts/1 Ss+ 02:26 0:00 tmux new-session -A -D -n f8301233+ 461 0.0 0.0 7160 2576 ? Ss 02:26 0:00 tmux new-session -A -D -n f8301233+ 462 0.0 0.0 8792 5852 pts/2 Ss+ 02:26 0:00 -bash f8301233+ 563 0.0 0.0 7340 3804 pts/3 Ss+ 02:26 0:00 bash -c if [-f /google/de f8301233+ 568 0.0 0.0 7340 3508 pts/3 Ss+ 02:26 0:00 /bin/bash /google/devshell f8301233+ 570 0.0 0.0 6880 1484 pts/3 Ss+ 02:26 0:00 tmux new-session -A -D -n f8301233+ 571 0.0 0.0 8792 5936 pts/4 Ss 02:26 0:00 -bash f8301233+ 1195 0.0 0.0 10888 4496 pts/4 Rs+ 02:27 0:00 ps aux f83012332@cloudshell:~\$ kill 461</pre>
3	Pengelolaan Izin File	<pre>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]" f83012332@cloudshell:~\$ cd tugas_sistem_operasi f83012332@cloudshell:~/tugas_sistem_operasi\$ touch script.sh f83012332@cloudshell:~/tugas_sistem_operasi\$ ls backup data1.txt script.sh scrn f83012332@cloudshell:~/tugas_sistem_operasi\$ chmod 700 script.sh f83012332@cloudshell:~/tugas_sistem_operasi\$ ls -l script.sh -rwx----- 1 f83012332 f83012332 0 Dec 17 08:31 script.sh f83012332@cloudshell:~/tugas_sistem_operasi\$</pre>
4	Shell Scripting	<pre>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]" f83012332@cloudshell:~\$ cd tugas_sistem_operasi f83012332@cloudshell:~/tugas_sistem_operasi\$ touch info_system.sh f83012332@cloudshell:~/tugas_sistem_operasi\$ nano info_system.sh f83012332@cloudshell:~/tugas_sistem_operasi\$ nano info_system.sh f83012332@cloudshell:~/tugas_sistem_operasi\$ cat info_system.sh #!/bin/bash echo"waktu saat ini:\$(date)" echo"pengguna yang sedang login:(whoami)" echo"total pengguna disk:\$(df -h --total grep total)" f83012332@cloudshell:~/tugas_sistem_operasi\$</pre>

5	Manajemen Jaringan	<pre>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]" f83012332@cloudshell:~\$ ping www.google.com PING www.google.com (74.125.24.103) 56(84) bytes of data. 64 bytes from sf-in-f103.1e100.net (74.125.24.103): icmp_seq=1 ttl=114 time=2.38 ms 64 bytes from sf-in-f103.1e100.net (74.125.24.103): icmp_seq=2 ttl=114 time=0.289 ms 64 bytes from sf-in-f103.1e100.net (74.125.24.103): icmp_seq=3 ttl=114 time=0.314 ms 64 bytes from sf-in-f103.1e100.net (74.125.24.103): icmp_seq=4 ttl=114 time=0.300 ms 64 bytes from sf-in-f103.1e100.net (74.125.24.103): icmp_seq=5 ttl=114 time=0.316 ms 64 bytes from sf-in-f103.1e100.net (74.125.24.103): icmp_seq=6 ttl=114 time=0.288 ms 64 bytes from sf-in-f103.1e100.net (74.125.24.103): icmp_seq=7 ttl=114 time=0.563 ms 64 bytes from sf-in-f103.1e100.net (74.125.24.103): icmp_seq=8 ttl=114 time=0.339 ms 64 bytes from sf-in-f103.1e100.net (74.125.24.103): icmp_seq=9 ttl=114 time=0.316 ms ^C --- www.google.com ping statistics --- 9 packets transmitted, 9 received, 0% packet loss, time 8167ms rtt min/avg/max/mdev = 0.288/0.567/2.378/0.645 ms f83012332@cloudshell:~\$ ping -c 5 www.google.com PING www.google.com (64.233.170.147) 56(84) bytes of data. 64 bytes from sg-in-f147.1e100.net (64.233.170.147): icmp_seq=1 ttl=114 time=1.97 ms 64 bytes from sg-in-f147.1e100.net (64.233.170.147): icmp_seq=2 ttl=114 time=0.496 ms 64 bytes from sg-in-f147.1e100.net (64.233.170.147): icmp_seq=3 ttl=114 time=0.499 ms 64 bytes from sg-in-f147.1e100.net (64.233.170.147): icmp_seq=4 ttl=114 time=0.506 ms 64 bytes from sg-in-f147.1e100.net (64.233.170.147): icmp_seq=5 ttl=114 time=0.452 ms --- www.google.com ping statistics --- 5 packets transmitted, 5 received, 0% packet loss, time 4065ms rtt min/avg/max/mdev = 0.452/0.785/1.972/0.593 ms f83012332@cloudshell:~\$</pre>
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