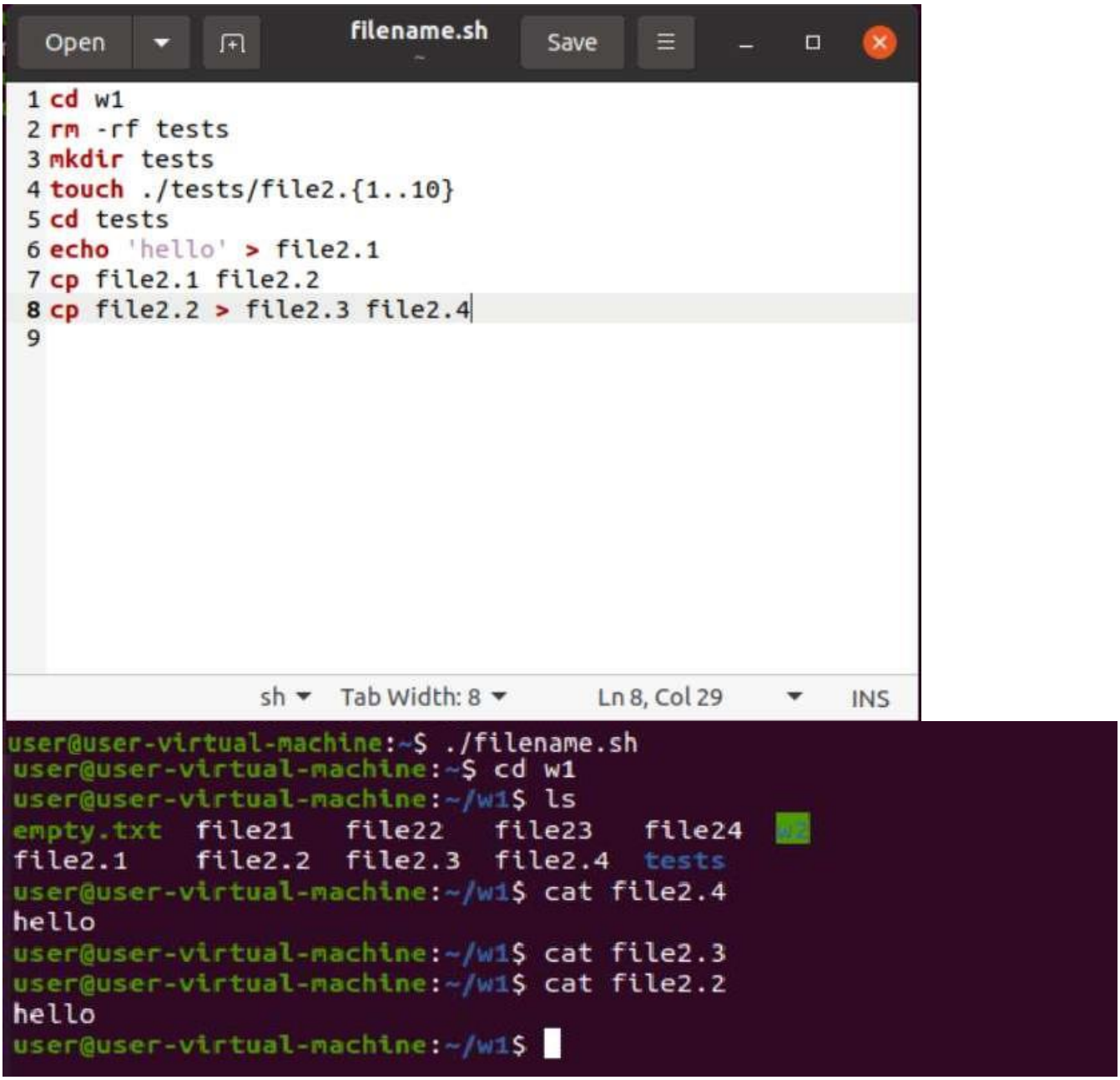
Session 9 Bash commands

Use **./filename.sh** to **run a any** file.



Use **ps** to display the **current running process** and **kill process ID** to kill the process or use **kill -9 process ID (**-9 to kill process forcefully).

```
user@user-virtual-machine:~$ ps
    PID TTY          TIME CMD
  85996 pts/0    00:00:01 bash
 113236 pts/0    00:00:00 ps
user@user-virtual-machine:~$ kill 85996
user@user-virtual-machine:~$ kill -9 85996
```

Use **ps -f** to display **full info about the process. PID** is **process id** and **PPID** is **Parent Process ID.**

```
user@user-virtual-machine:~$ ps -f
UID          PID    PPID  C STIME TTY          TIME CMD
user      113259  113251  0 11:54 pts/0    00:00:00 bash
user      113273  113259  0 11:55 pts/0    00:00:00 ps -f
```

Use **ps -e** display all the **process past or present** running in the system.

```
user@user-virtual-machine:~$ ps -e
    PID TTY          TIME CMD
      1 ?        00:00:50 systemd
      2 ?        00:00:00 kthreadd
      3 ?        00:00:00 rcu_gp
      4 ?        00:00:00 rcu_par_gp
      6 ?        00:00:00 kworker/0:0H-events_highpri
      8 ?        00:00:00 mm_percpu_wq
      9 ?        00:00:00 rcu_tasks_rude_
     10 ?        00:00:00 rcu_tasks_trace
     11 ?        00:00:07 ksoftirqd/0
     12 ?        00:01:22 rcu_sched
     13 ?        00:00:04 migration/0
     14 ?        00:00:00 idle_inject/0
     16 ?        00:00:00 cpuhp/0
     17 ?        00:00:00 cpuhp/1
     18 ?        00:00:00 idle_inject/1
     19 ?        00:00:08 migration/1
     20 ?        00:00:07 ksoftirqd/1
     22 ?        00:00:00 kworker/1:0H-events_highpri
     23 ?        00:00:00 kdevtmpfs
     24 ?        00:00:00 netns
     25 ?        00:00:00 inet_frag_wq
     26 ?        00:00:00 kauditd
     30 ?        00:00:00 khungtaskd
```