NAME : Muhammad Hamza

Roll no : 21k-3815

Sec : BS-SE-4A

LAB 1 TASKS

TASK 1

TASK 2

```
devil     3957  0.0  0.0 156960   5904 ?        Ssl  19:36   0:00 /usr/libexec/dconf-service
devil     3960  0.0  0.3 754960  29044 ?        Ssl  19:36   0:00 /usr/libexec/evolution-addressbook-factory
devil     3974  0.0  0.0 246416   7268 ?        Ssl  19:36   0:00 /usr/libexec/gvfs-gphoto2-volume-monitor
devil     3979  0.0  0.1 324200   8416 ?        Ssl  19:36   0:00 /usr/libexec/gvfs-afc-volume-monitor
devil     3984  0.0  0.0 245460   6732 ?        Ssl  19:36   0:00 /usr/libexec/gvfs-mtp-volume-monitor
devil     3988  0.0  0.0 245632   6700 ?        Ssl  19:36   0:00 /usr/libexec/gvfs-goa-volume-monitor
devil     3997  0.0  0.0 171944   6616 ?        Dsl  19:36   0:00 /usr/libexec/gvfsd-metadata
devil     4000  0.0  0.1 323732   8564 ?        Sl   19:36   0:00 /usr/libexec/gvfsd-trash --spawner :1.3 /org/gtk/gvfs/exec_spaw/0
devil     4011  0.1  0.3 2604308 27552 ?        Sl   19:36   0:00 /usr/bin/gjs /usr/share/gnome-shell/org.gnome.Shell.Notifications
devil     4013  0.0  0.0 162676   7368 ?        Sl   19:36   0:00 /usr/libexec/at-spi2-registryd --use-gnome-session
devil     4024  0.0  0.0   2888    988 ?        Ss   19:36   0:00 sh -c /usr/bin/ibus-daemon --panel disable $([ "$XDG_SESSION_TYPE" = "x11" ] && echo "--xim")
devil     4025  0.0  0.0 319428   6972 ?        Ssl  19:36   0:00 /usr/libexec/gsd-a11y-settings
devil     4027  0.2  0.3 460140  26212 ?        Ssl  19:36   0:00 /usr/libexec/gsd-color
devil     4028  0.9  0.1 323836  11864 ?        Rl   19:36   0:00 /usr/bin/ibus-daemon --panel disable
devil     4029  0.0  0.2 384456  16488 ?        Ssl  19:36   0:00 /usr/libexec/gsd-datetime
devil     4031  0.0  0.0 320920   7404 ?        Ssl  19:36   0:00 /usr/libexec/gsd-housekeeping
devil     4032  0.2  0.2 349604  21948 ?        Ssl  19:36   0:00 /usr/libexec/gsd-keyboard
devil     4033  0.2  0.3 799472  27112 ?        Ssl  19:36   0:00 /usr/libexec/gsd-media-keys
devil     4034  0.3  0.3 459576  25516 ?        Ssl  19:36   0:00 /usr/libexec/gsd-power
devil     4035  0.0  0.1 258852  11632 ?        Ssl  19:36   0:00 /usr/libexec/gsd-print-notifications
devil     4044  0.0  0.0 466856   6740 ?        Ssl  19:36   0:00 /usr/libexec/gsd-rfkill
devil     4045  0.0  0.0 245288   6604 ?        Ssl  19:36   0:00 /usr/libexec/gsd-screensaver-proxy
devil     4054  0.0  0.1 474932  10604 ?        Ssl  19:36   0:00 /usr/libexec/gsd-sharing
devil     4056  0.0  0.1 468776   8176 ?        Ssl  19:36   0:00 /usr/libexec/gsd-smartcard
devil     4063  0.0  0.1 328340   9572 ?        Ssl  19:36   0:00 /usr/libexec/gsd-sound
devil     4067  0.2  0.2 423928  22596 ?        Ssl  19:36   0:00 /usr/libexec/gsd-wacom
devil     4069  0.5  0.8 814352  66228 ?        Sl   19:36   0:00 /usr/libexec/evolution-data-server/evolution-alarm-notify
devil     4086  0.0  0.0 232260   6468 ?        Sl   19:36   0:00 /usr/libexec/gsd-disk-utility-notify
devil     4111  3.9  0.3 356260  28596 ?        Sl   19:36   0:02 /usr/libexec/ibus-extension-gtk3
devil     4115  0.0  0.0 246260   7592 ?        Sl   19:36   0:00 /usr/libexec/ibus-portal
devil     4150  0.0  0.0  29060    348 ?        S    19:36   0:00 /usr/bin/VBoxClient --clipboard
devil     4151  0.0  0.0 227248   2088 ?        Sl   19:36   0:00 /usr/bin/VBoxClient --clipboard
devil     4158  0.0  0.1 351360  13752 ?        Sl   19:36   0:00 /usr/libexec/gsd-printer
devil     4177  0.2  0.6 183600  54552 ?        Sl   19:36   0:00 /usr/bin/Xwayland :0 -rootless -noreset -accessx -core -auth /run/user/1000/.mutter-Xwaylandauth.LZ0DZ1 -listen 4 -listen 5 -displayfd 6
devil     4190  0.2  0.0 172480   7660 ?        Sl   19:36   0:00 /usr/libexec/ibus-engine-simple
devil     4216  0.3  0.3 352924  25260 ?        Ssl  19:36   0:00 /usr/libexec/xdg-desktop-portal-gtk
devil     4233  1.1  0.3 642476  28728 ?        SNsl 19:36   0:00 /usr/libexec/tracker-miner-fs-3
devil     4247  0.5  0.8 516392  70460 ?        Ssl  19:36   0:00 /usr/libexec/gsd-xsettings
devil     4256  0.1  0.3 2678176 28028 ?        Sl   19:36   0:00 /usr/bin/gjs /usr/share/gnome-shell/org.gnome.ScreenSaver
devil     4292  1.2  0.7 2868704 63700 ?        Sl   19:36   0:00 gjs /usr/share/gnome-shell/extensions/ding@rastersoft.com/ding.js -E -P /usr/share/gnome-shell/extensions/ding@rastersoft.com -M 0 -D 0:
devil     4294  0.3  0.3 203220  25696 ?        Sl   19:36   0:00 /usr/libexec/ibus-x11
devil     4321  0.0  0.0  29060    348 ?        S    19:36   0:00 /usr/bin/VBoxClient --seamless
devil     4322  0.0  0.0 227348   2596 ?        Sl   19:36   0:00 /usr/bin/VBoxClient --seamless
devil     4334  0.0  0.0  29060    348 ?        S    19:36   0:00 /usr/bin/VBoxClient --vmsvga-session
devil     4335  0.0  0.0 161164   2276 ?        Sl   19:36   0:00 /usr/bin/VBoxClient --vmsvga-session
devil     4436  4.2  0.7 568020  58008 ?        Ssl  19:36   0:00 /usr/libexec/gnome-terminal-server
devil     4454  0.0  0.0  20148   5324 pts/0    Ss   19:36   0:00 bash
devil     4469  3.1  0.3 427340  25904 ?        Sl   19:37   0:00 update-notifier
devil     4503  0.0  0.0  21944   3892 pts/0    R+   19:37   0:00 ps -ux
devil@Devil:~$ kill SIGKILL 3622
```

TASK 3

```
devil@Devil:~$ ls
Desktop  Documents  Downloads  Music  Pictures  Public  snap  Templates  Videos
devil@Devil:~$ cd Desktop
devil@Devil:~/Desktop$ cat > file1.txt
hello world
hello
^C
devil@Devil:~/Desktop$ cat > file2.txt
JAVA
UBUNTU
Python
^C
devil@Devil:~/Desktop$ ls
d1  file1.txt  file2.txt
devil@Devil:~/Desktop$ open file1.txt
devil@Devil:~/Desktop$ cat file1.txt file2.txt > file3.txt
devil@Devil:~/Desktop$ ls
d1  file1.txt  file2.txt  file3.txt
devil@Devil:~/Desktop$
```

file3.txt
~/Desktop

```
1 hello world
2 hello
3 JAVA
4 UBUNTU
5 Python
```

Plain Text   Tab Width: 8   Ln 1, Col 1   INS

TASK 4
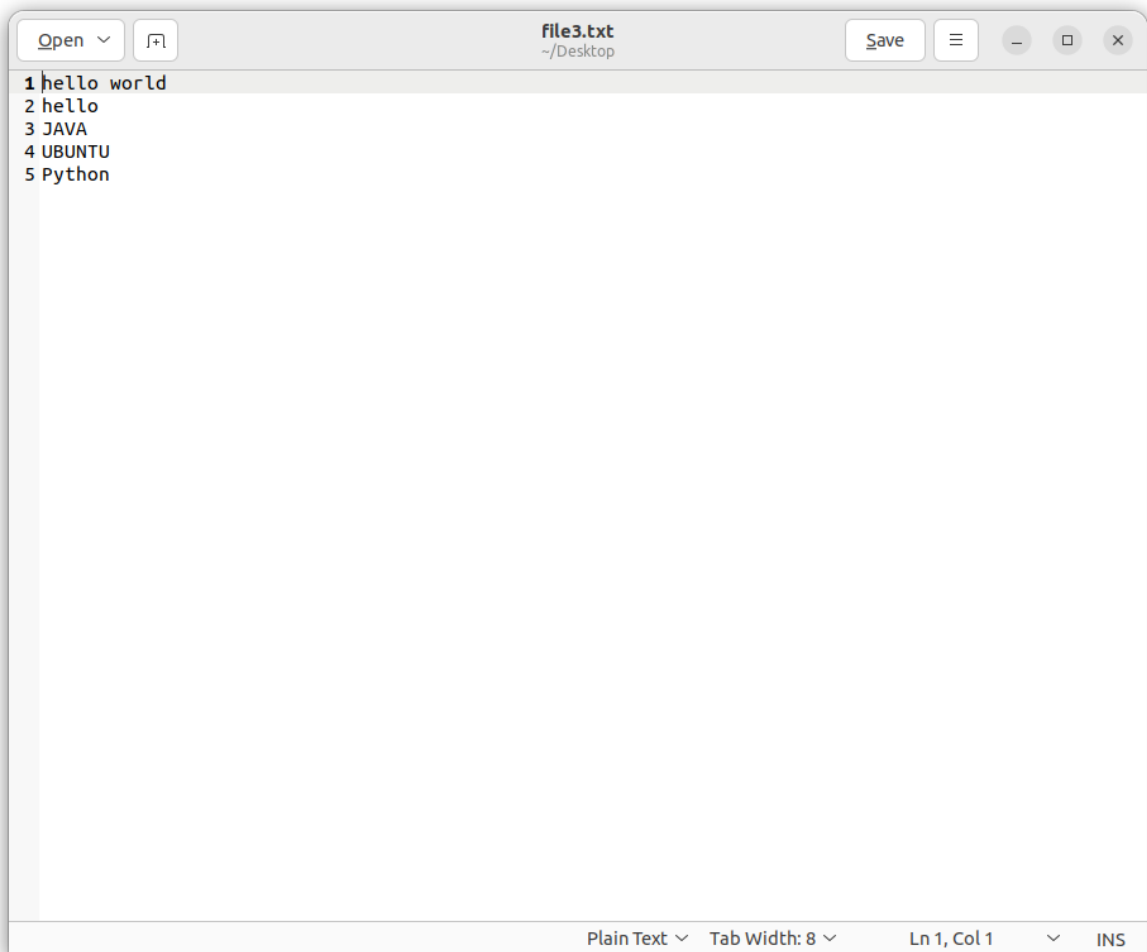
```
devil@Devil:~/Desktop$ ls -la
total 24
drwxr-xr-x  3 devil devil 4096 19:39 29 يونيو .
drwxr-x--- 16 devil devil 4096 19:37 29 يونيو ..
drwxrwxr-x  2 devil devil 4096 19:25 29 يونيو d1
-rw-rwxr--  1 devil devil   18 19:38 29 يونيو file1.txt
-rw-rw-r--  1 devil devil   20 19:38 29 يونيو file2.txt
-rw-rw-r--  1 devil devil   38 19:39 29 يونيو file3.txt
devil@Devil:~/Desktop$ sudo chmod u+rwx file1.txt
devil@Devil:~/Desktop$ ls -la
total 24
drwxr-xr-x  3 devil devil 4096 19:39 29 يونيو .
drwxr-x--- 16 devil devil 4096 19:37 29 يونيو ..
drwxrwxr-x  2 devil devil 4096 19:25 29 يونيو d1
-rwxrwxr--  1 devil devil   18 19:38 29 يونيو file1.txt
-rw-rw-r--  1 devil devil   20 19:38 29 يونيو file2.txt
-rw-rw-r--  1 devil devil   38 19:39 29 يونيو file3.txt
devil@Devil:~/Desktop$
```