LAB4

```
radwa@Ubunto:~/Desktop$ vi Script1.sh
```

```
#! /bin/bash
i=0
while [ $i -lt 12 ]; do #2 ten-second intervals in 1 minute
  ls /var/log >> /tmp/list.log & #run your command
  sleep 5
  i=$((i+1))
done
~
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~
"Script1.sh" 8 lines, 157 bytes
```

```
radwa@Ubunto:~/Desktop$ bash Script1.sh
```

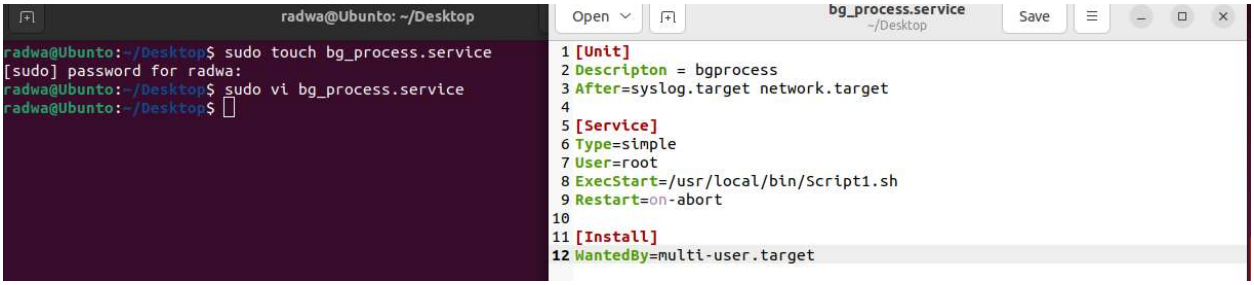
Open | list.log /tmp | Save

```
809 boot.log.3
810 boot.log.4
811 boot.log.5
812 boot.log.6
813 boot.log.7
814 bootstrap.log
815 btmp
816 cups
817 dist-upgrade
818 dmesg
819 dmesg.0
820 dmesg.1.gz
821 dmesg.2.gz
822 dmesg.3.gz
823 dmesg.4.gz
824 dpkg.log
825 faillog
826 fontconfig.log
827 gdm3
828 gpu-manager.log
829 hp
830 installer
831 journal
832 kern.log
833 kern.log.1
834 kern.log.2.gz
835 kern.log.3.gz
836 lastlog
837 openvpn
838 private
839 speech-dispatcher
840 syslog
841 syslog.1
842 syslog.2.gz
843 syslog.3.gz
844 ubuntu-advantage.log
845 ubuntu-advantage-timer.log
846 unattended-upgrades
847 vboxadd-install.log
848 vboxadd-setup.log
849 vboxadd-setup.log.1
850 vboxadd-setup.log.2
851 vboxadd-setup.log.3
852 vboxadd-setup.log.4
853 vboxadd-uninstall.log
854 vboxpostinstall.log
855 wtmp
```

Plain Text | Tab Width: 8 | Ln 855, Col 5 | INS

```
radwa@Ubunto:~/Desktop$ sudo cp Script1.sh /usr/local/bin
```

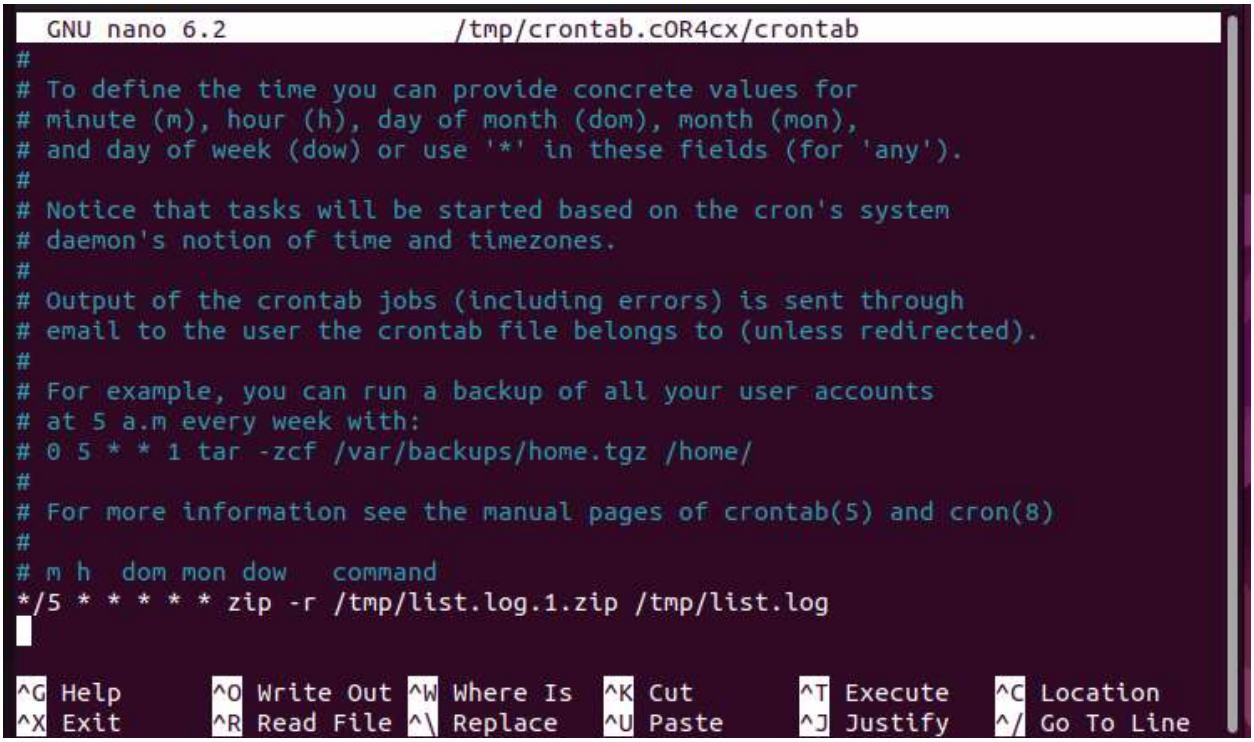
```
radwa@Ubunto:~/Desktop$ chmod +x Script1.sh
radwa@Ubunto:~/Desktop$ sudo chmod +x /usr/local/bin/Script1.sh
[sudo] password for radwa:
radwa@Ubunto:~/Desktop$ cd /usr/local/bin
radwa@Ubunto:/usr/local/bin$ ./Script1.sh
```




```
radwa@Ubunto:~/Desktop$ sudo systemctl daemon-reload
radwa@Ubunto:~/Desktop$ sudo service bg_process start
Failed to start bg_process.service: Unit bg_process.service not found.
radwa@Ubunto:~/Desktop$ sudo cp bg_process.service /etc/systemd/system/
radwa@Ubunto:~/Desktop$ sudo service bg_process start
radwa@Ubunto:~/Desktop$ sudo service bg_process status
● bg_process.service
     Loaded: loaded (/etc/systemd/system/bg_process.service; disabled; vendor p>
     Active: active (running) since Fri 2023-02-24 15:33:58 EET; 16s ago
   Main PID: 3217 (Script1.sh)
      Tasks: 2 (limit: 3181)
     Memory: 556.0K
        CPU: 10ms
     CGroup: /system.slice/bg_process.service
             ├─3217 /bin/bash /usr/local/bin/Script1.sh
             └─3225 sleep 5

Feb 24 15:33:58 Ubunto systemd[1]: Started bg_process.service.
Feb 24 15:33:58 Ubunto Script1.sh[3218]: /usr/local/bin/Script1.sh: line 4: /tm>
Feb 24 15:34:03 Ubunto Script1.sh[3220]: /usr/local/bin/Script1.sh: line 4: /tm>
Feb 24 15:34:08 Ubunto Script1.sh[3222]: /usr/local/bin/Script1.sh: line 4: /tm>
Feb 24 15:34:13 Ubunto Script1.sh[3224]: /usr/local/bin/Script1.sh: line 4: /tm>
lines 1-16/16 (END)
```

```
radwa@Ubunto:~/Desktop$ crontab -e
```


GNU nano 6.2 /tmp/crontab.cOR4cx/crontab
#
To define the time you can provide concrete values for
minute (m), hour (h), day of month (dom), month (mon),
and day of week (dow) or use '*' in these fields (for 'any').
#
Notice that tasks will be started based on the cron's system
daemon's notion of time and timezones.
#
Output of the crontab jobs (including errors) is sent through
email to the user the crontab file belongs to (unless redirected).
#
For example, you can run a backup of all your user accounts
at 5 a.m every week with:
0 5 * * 1 tar -zcf /var/backups/home.tgz /home/
#
For more information see the manual pages of crontab(5) and cron(8)
#
m h dom mon dow command
*/5 * * * * zip -r /tmp/list.log.1.zip /tmp/list.log
^G Help ^O Write Out ^W Where Is ^K Cut ^T Execute ^C Location
^X Exit ^R Read File ^\ Replace ^U Paste ^J Justify ^/ Go To Line