1-

- nano script.sh

```
samar@samar-VirtualBox:~$ cat script.sh
#! /usr/bin/env bash
while true
do
ls /var/log >>/tmp/list.log
sleep 5
done

samar@samar-VirtualBox:~$
```

2-

- sudo cp script.sh /usr/local/bin/script.sh
- Sudo chmod +x /usr/local/bin/script.sh

```
samar@samar-VirtualBox:~$ cd /usr/local/bin
samar@samar-VirtualBox:/usr/local/bin$ cat script.sh
#! /usr/bin/env bash
while true
do
ls /var/log >>/tmp/list.log
sleep 5
done

samar@samar-VirtualBox:/usr/local/bin$
```

3-

- nohup ./script.sh&   ///script becomes at background

```
done

samar@samar-VirtualBox:~$ ps -ef | grep scri
samar       17065   15101  0 01:30 ?        00:00:03 bash ./script.sh
samar       21933   21673  0 04:04 pts/1    00:00:00 grep --color=auto scri
samar@samar-VirtualBox:~$
```

- cd /lib/systemd/system
- Sudo touch script.service
- Sudo nano script.service

```
samar@samar-VirtualBox:/lib/systemd/system$ cat script.service
[Unit]
Description=Lazy print a list script
After=remote.fs.target nss-user-lookup.target

[Service]
ExecStart=/usr/local/bin/script.sh
IgnoreSIGPIPE=false
KillMode=process
Restart=On-failure

[Install]
WantedBy=multi-user.target
```

- Sudo systemctl enable script.service
- Sudo systemctl start script.service
- Sudo systemctl status script.service

```
lb/systemd/system/script.service.
samar@samar-VirtualBox:/lib/systemd/system$ sudo systemctl start script.service
samar@samar-VirtualBox:/lib/systemd/system$ sudo systemctl status script.servic
e
● script.service - Lazy print a list script
     Loaded: loaded (/lib/systemd/system/script.service; enabled; vendor prese>
     Active: active (running) since Mon 2023-02-13 04:20:18 EET; 54s ago
   Main PID: 22416 (bash)
      Tasks: 2 (limit: 2291)
     Memory: 572.0K
        CPU: 109ms
     CGroup: /system.slice/script.service
             ├─22416 bash /usr/local/bin/script.sh
             └─22458 sleep 5

04:20:23 13 فبر samar-VirtualBox script.sh[22421]: /usr/local/bin/script.sh: l>
```

4-

- crontab -e

```
#
# m h  dom mon dow   command
*/5 * * * * gzip -r /tmp/list.log.1.zip /tmp/list.log

                         [ Read 26 lines ]
```

```
crontab: installing new crontab
samar@samar-VirtualBox:/lib/systemd/system$ crontab -e
crontab: installing new crontab
samar@samar-VirtualBox:/lib/systemd/system$
```