



```
radwa@radwa-VirtualBox:~$ sudo cp script.sh /usr/local/bin
[sudo] password for radwa:
radwa@radwa-VirtualBox:~$ sudo cat /usr/local/bin/script.sh
```

```
#!/bin/bash
x=0
while [ $x -lt 12 ]; do
    ls /var/log >> /tmp/list.log &
    sleep 5
    x=$(( x + 1 ))
done
radwa@radwa-VirtualBox:~$
```

```
radwa@radwa-VirtualBox:~$ chmod +x script.sh
radwa@radwa-VirtualBox:~$ ./script.sh
./script.sh: line 26: x: command not found
./script.sh: line 26: x: command not found
./script.sh: line 26: x: command not found
./script.sh: line 26: x: command not found
^Cradwa@radwa-VirtualBox:~$
```

```
radwa@radwa-VirtualBox:~$ chmod +x script.sh
radwa@radwa-VirtualBox:~$ ./script.sh
./script.sh: line 26: x: command not found
./script.sh: line 26: x: command not found
./script.sh: line 26: x: command not found
./script.sh: line 26: x: command not found
^Cradwa@radwa-VirtualBox:~$ cd /usr/local/bin
radwa@radwa-VirtualBox:/usr/local/bin$ chmod +x script.sh
chmod: changing permissions of 'script.sh': Operation not permitted
radwa@radwa-VirtualBox:/usr/local/bin$ sudo chmod +x script.sh
radwa@radwa-VirtualBox:/usr/local/bin$ ./script.sh
./script.sh: line 26: x: command not found
./script.sh: line 26: x: command not found
./script.sh: line 26: x: command not found
./script.sh: line 26: x: command not found
radwa@radwa-VirtualBox:/usr/local/bin$
```

```
radwa@radwa-VirtualBox:/usr/local/bin$ cd
radwa@radwa-VirtualBox:~$ touch ser.service
radwa@radwa-VirtualBox:~$ sudo cp serv.service /etc/systemd/system/
cp: cannot stat 'serv.service': No such file or directory
radwa@radwa-VirtualBox:~$ sudo cp ser.service /etc/systemd/system/
radwa@radwa-VirtualBox:~$ cd /etc/systemd/system/
radwa@radwa-VirtualBox:/etc/systemd/system$ sudo systemctl daemon-reload
radwa@radwa-VirtualBox:/etc/systemd/system$ sudo service ser start
radwa@radwa-VirtualBox:/etc/systemd/system$ █
```

```
a@Ubuntu:/etc/systemd/system$ sudo service ser status
ser.service
  Loaded: loaded (/etc/systemd/system/ser.service; disabled; vendor preset: enabled)
  Active: active (running) since Wed 2023-02-22 15:24:48 EET; 24s ago
Main PID: 10998 (script.sh)
  Tasks: 2 (limit: 2288)
Memory: 880.0K
  CPU: 69ms
  CGroup: /system.slice/ser.service
          └─10998 bin/bash /usr/local/bin/script.sh
            └─11009 sleep 5

22 15:24:48 Ubuntu systemd[1]: Started ser.service.
22 15:24:53 Ubuntu script.sh[11004]: /usr/local/bin/script.sh: line 7: j: command not found
22 15:24:58 Ubuntu script.sh[11007]: /usr/local/bin/script.sh: line 7: j: command not found
22 15:25:13 Ubuntu systemd[1]: /etc/systemd/system/ser.service:1: Unknown section: [Service]
es 1-15/15 (END)
```

```
ser.service
~/
1 [Unit]
2 Description: bgprocess
3 After=syslog.target.network.target
4
5 [Service]
6 Type=simple
7 User=root
8 ExecStart=/usr/local/bin/script.sh
9 Restart=on-abort
10
11 [Install]
12 WantedBy=multi-user.target
```