TASK 1

Start Systemd Service

Task: Download any web server(Nginx, Apache) and run it via Systemd. Check the status of the service, restart it with some changes and make sure that service run when host get restarted. Document the steps.

To download Apache use command:

```
sudo apt install apache2
```

To start Apache use command:

```
sudo systemctl start apache2
```

To check status:

```
sudo systemctl status apache2
```

To stop apache2 use command:

```
sudo systemctl stop apache2
```

To edit apache2 config file use command:

```
sudo systemctl restart apache2
```

sudo systemctl edit apache2

```
### Editing /etc/system/system/apache2.service.d/override.conf
### Anything between here and the comment below will become the new contents of the file

### Lines below this comment will be discarded

### /lib/systemd/system/apache2.service
# [Unit]
### Description=The Apache HTTP Server
# After=network.target remote-fs.target nss-lookup.target
# Documentation=https://httpd.apache.org/docs/2.4/
# [Service]
# Type=forking
# Environment=APACHE_STARTED_BY_SYSTEMD=true
# ExecStart=/usr/sbin/apachectl start
# ExecStop=/usr/sbin/apachectl graceful-stop
# ExecRoad=/usr/sbin/apachectl graceful
# KillMode=mixed
# PrivateImp=true
# Restart=on-abort
# [Install]
# MantedBy=multi-user.target
```

To restart use command:

```
venis@venis-VirtualBox:-/DevOps$ sudo systemctl restart apache2
[sudo] password for venis:
venis@venis-VirtualBox:-/DevOps$ sudo systemctl status apache2
● apache2.service - The Apache HTTP Server

Loaded: loaded (/lib/systemd/system/apache2.service; enabled; vendor preset: enabled)

Active: active (running) since Thu 2024-01-11 17:09:15 IST; 15s ago

Docs: https://httpd.apache.org/docs/2.4/
Process: 6519 ExecStart=/usr/sbin/apachectl start (code=exited, status=0/SUCCESS)

Main PID: 6526 (apache2)

Tasks: 55 (limit: 9431)

Memory: 4.7M

CPU: 25ms

CGroup: /system.slice/apache2.service

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```