1) Install nginx and run nginx on port number 81



welcome

2) Deploy a sample index.html file on nginx

Welcome to techi horizon If you see this page, the nginx web server is successfully installed and working. Further configuration is required. For online documentation and support please refer to nginx.org. Commercial support is available at nginx.com.

3) Install apache and run apache

```
Last metadata expiration check: 1 day, 19:25:14 ago on Sat Apr 26 10:43:21 2025. Package httpd-2.4.62-1.amzn2023.x86_64 is already installed. Dependencies resolved. Nothing to do. Complete! pot@ip-172-31-46-246 bin]# cd .. pot@ip-172-31-46-246 /]# sudo nano /etc/httpd/conf/httpd.conf pot@ip-172-31-46-246 /]# systemctl restart httpd
```

4) Install apache tomcat on port number 8082



5) Deploy a sample app on webapps



To prove that they work, you can execute either of the following links:

6) Create a tomcat.service file for tomcat

```
ppenjdk version "17.0.14" 2025-01-21 LTS

DpenJDK Runtime Environment Corretto-17.0.14.7.1 (build 17.0.14+7-LTS)

DpenJDK 64-Bit Server VM Corretto-17.0.14.7.1 (build 17.0.14+7-LTS, mixed mode, sharing)

[ec2-user@ip-172-31-19-127 webapps]$ cd /etc/systemd/system

[ec2-user@ip-172-31-19-127 system]$ vi /etc/systemd/system/tomcat.service
```