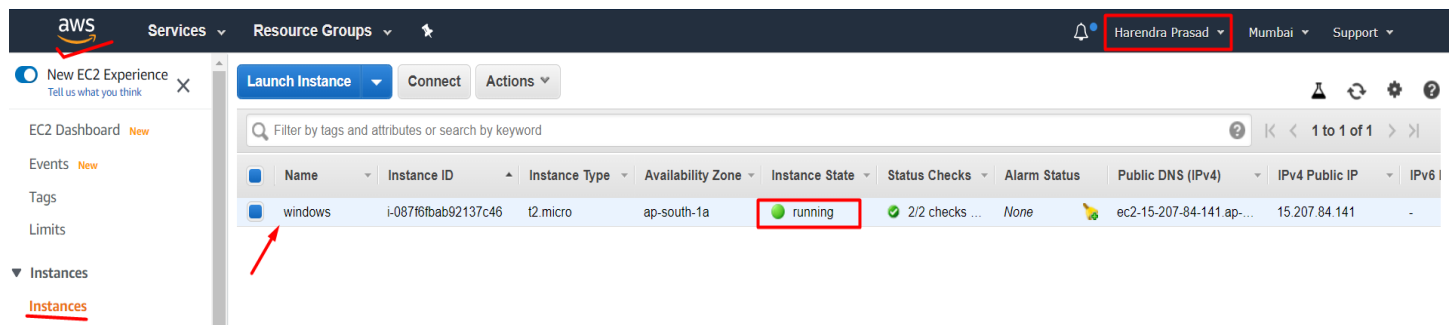


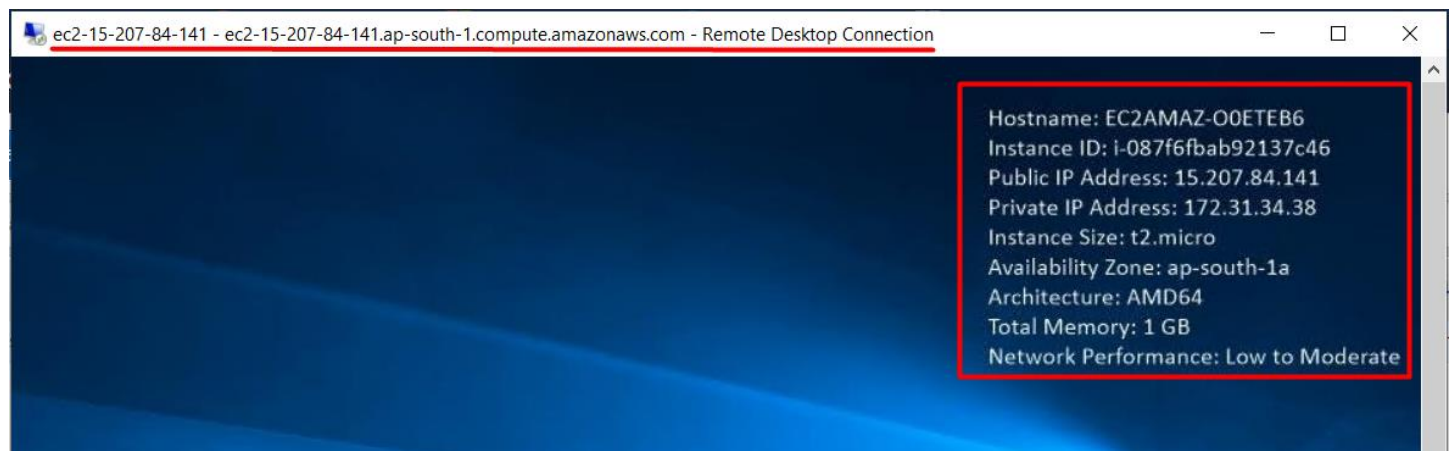
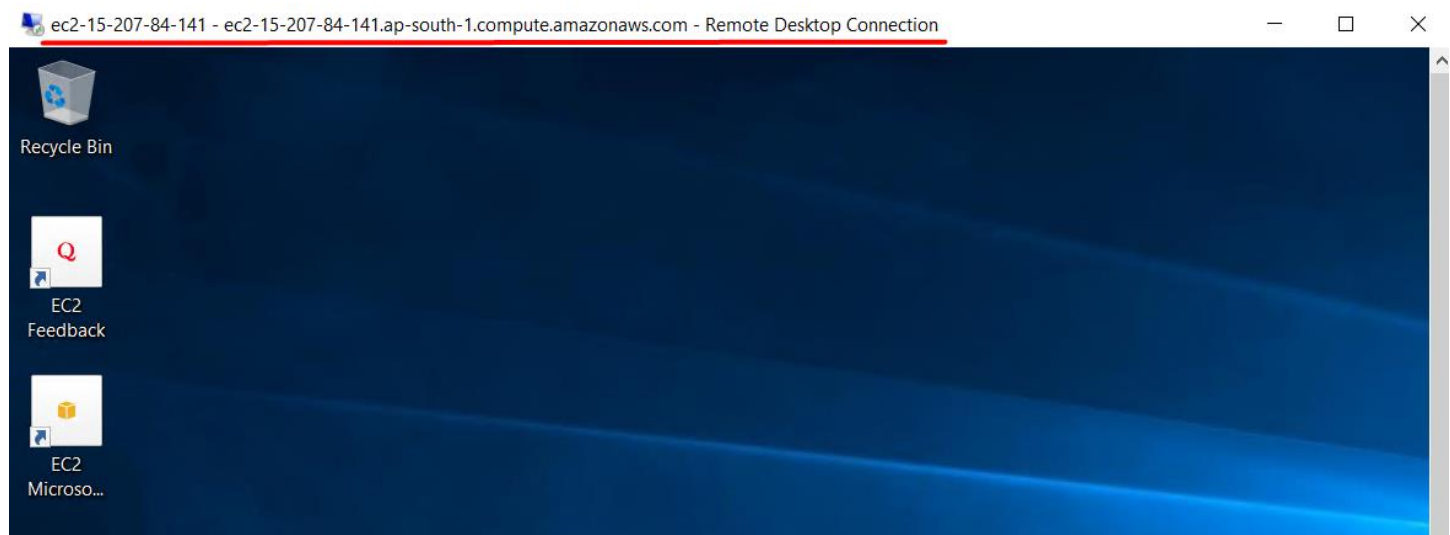
Project 1

Web server in windows instance

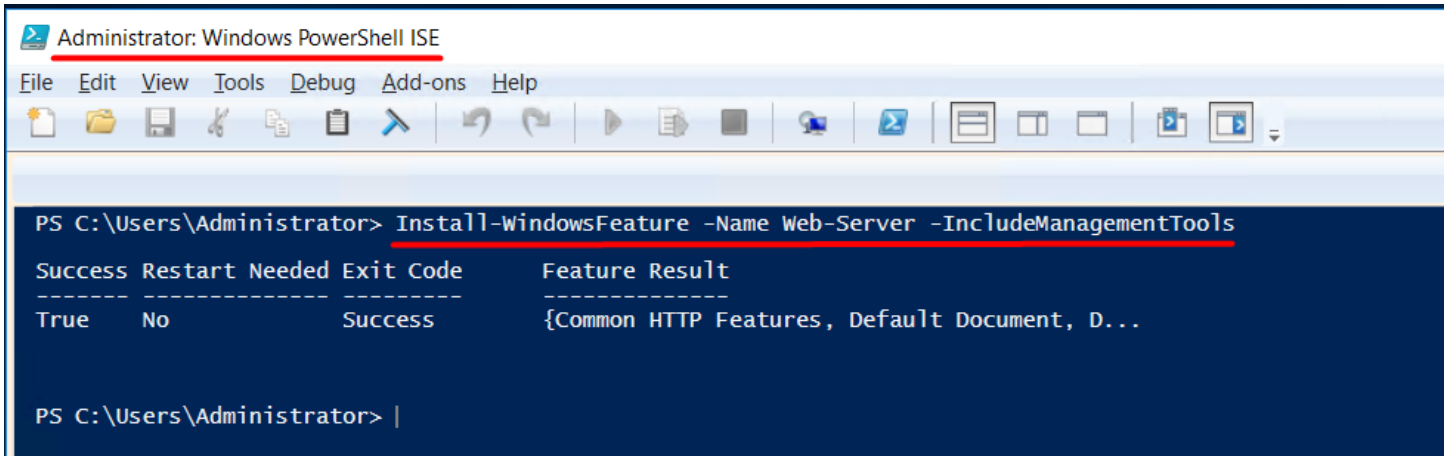
Task 1 Create a windows instance



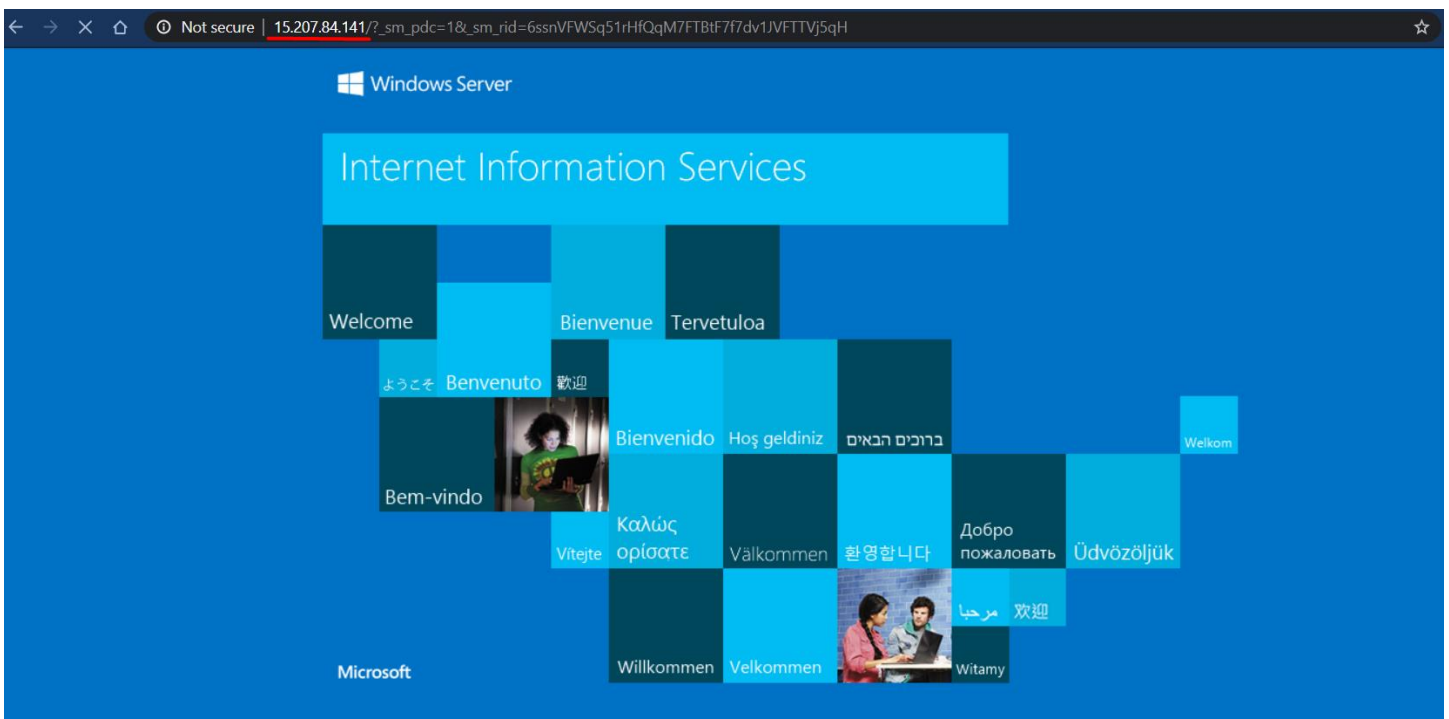
Task 2 Launch the windows instance using RDP



Task 3: Install IIS web Server using powershell ISE



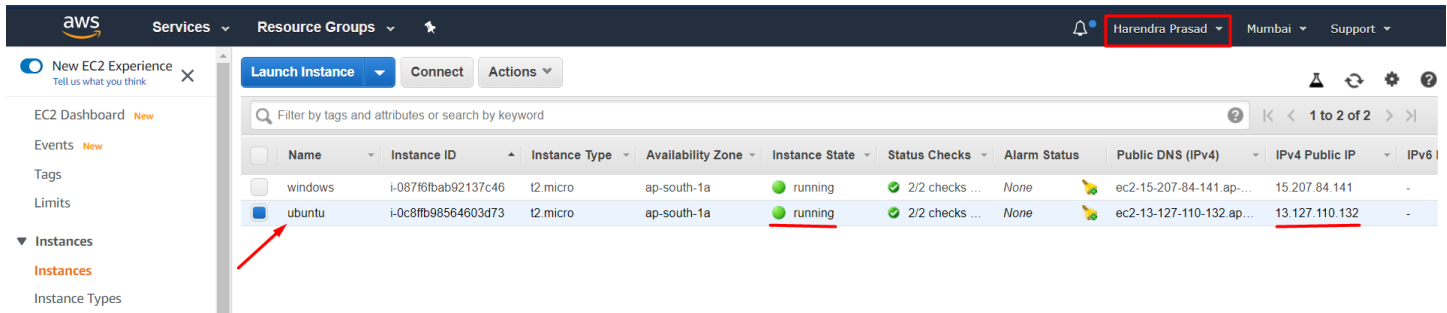
Task 4: Verify successful installation of IIS Web Server.



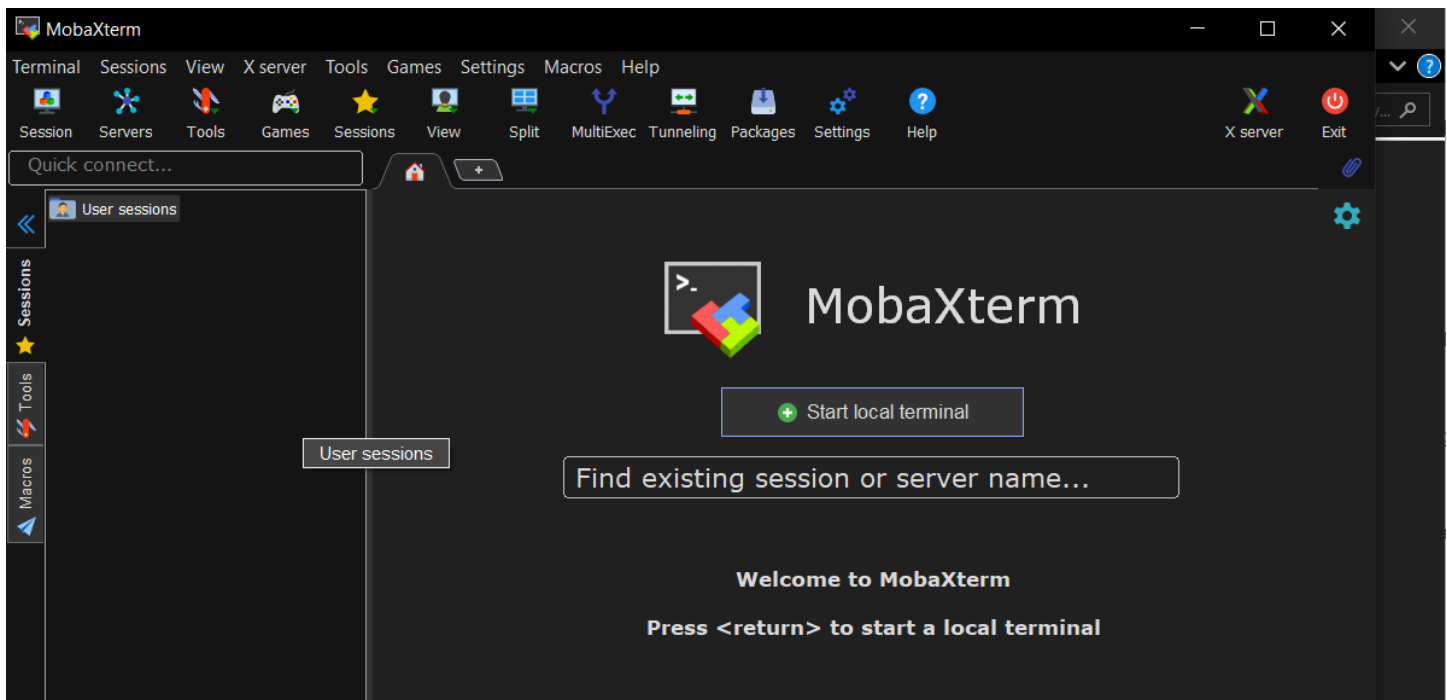
Project 1 completed

Project 2 Deploy a web server in linux instance

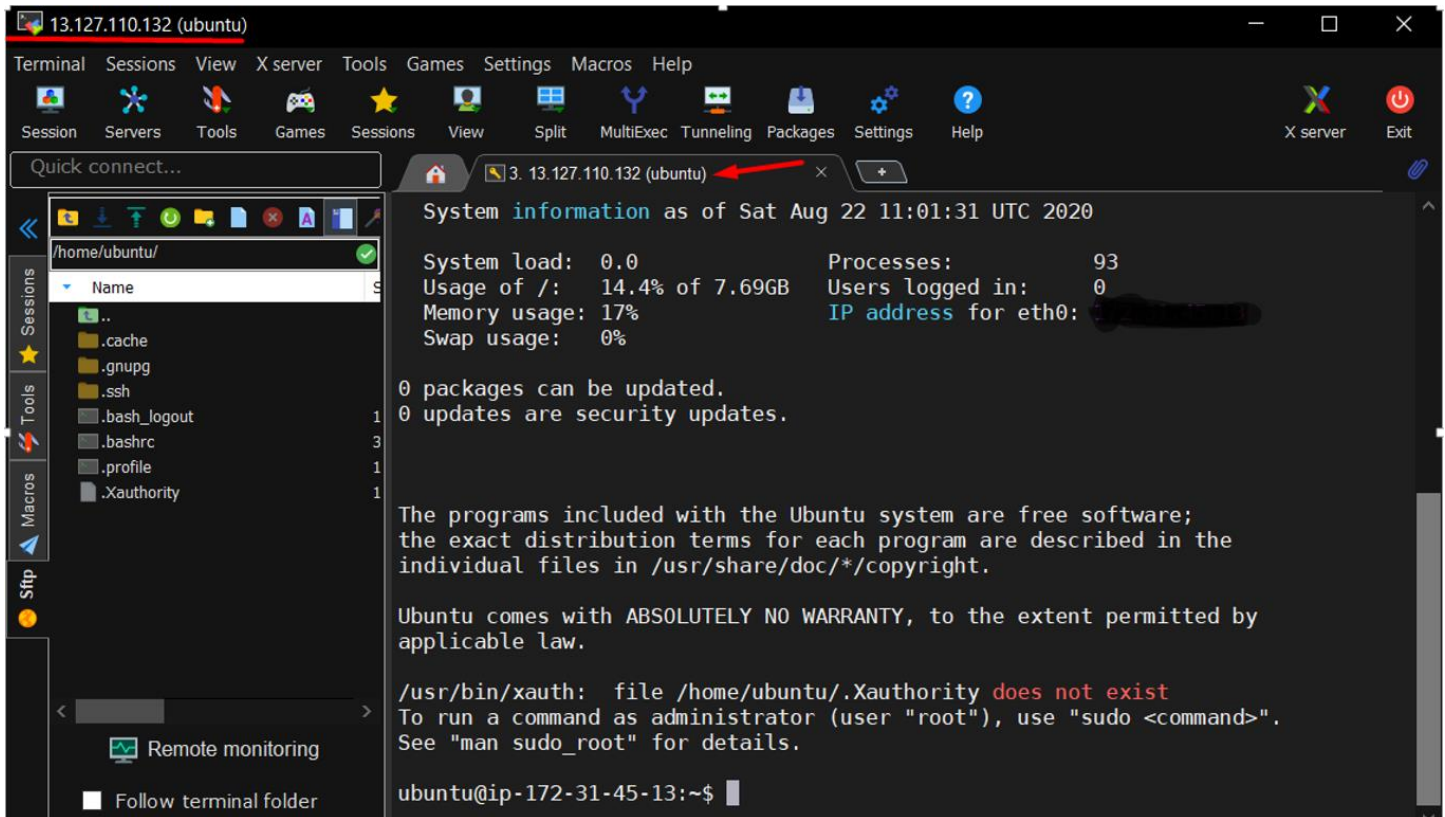
Task 1: create a linux instance using AMI



Task 2: Download and install mobaXterm



Task 3 Launch the Ubuntu instance using ssh



The screenshot shows a terminal window titled "13.127.110.132 (ubuntu)". The left sidebar displays a file explorer view of the "/home/ubuntu/" directory, listing files like ".cache", ".gnupg", ".ssh", ".bash_logout", ".bashrc", ".profile", and ".Xauthority". The main terminal area displays the following output:

```
System information as of Sat Aug 22 11:01:31 UTC 2020

System load:  0.0          Processes:      93
Usage of /:   14.4% of 7.69GB Users logged in: 0
Memory usage: 17%         IP address for eth0: 
Swap usage:   0%

0 packages can be updated.
0 updates are security updates.

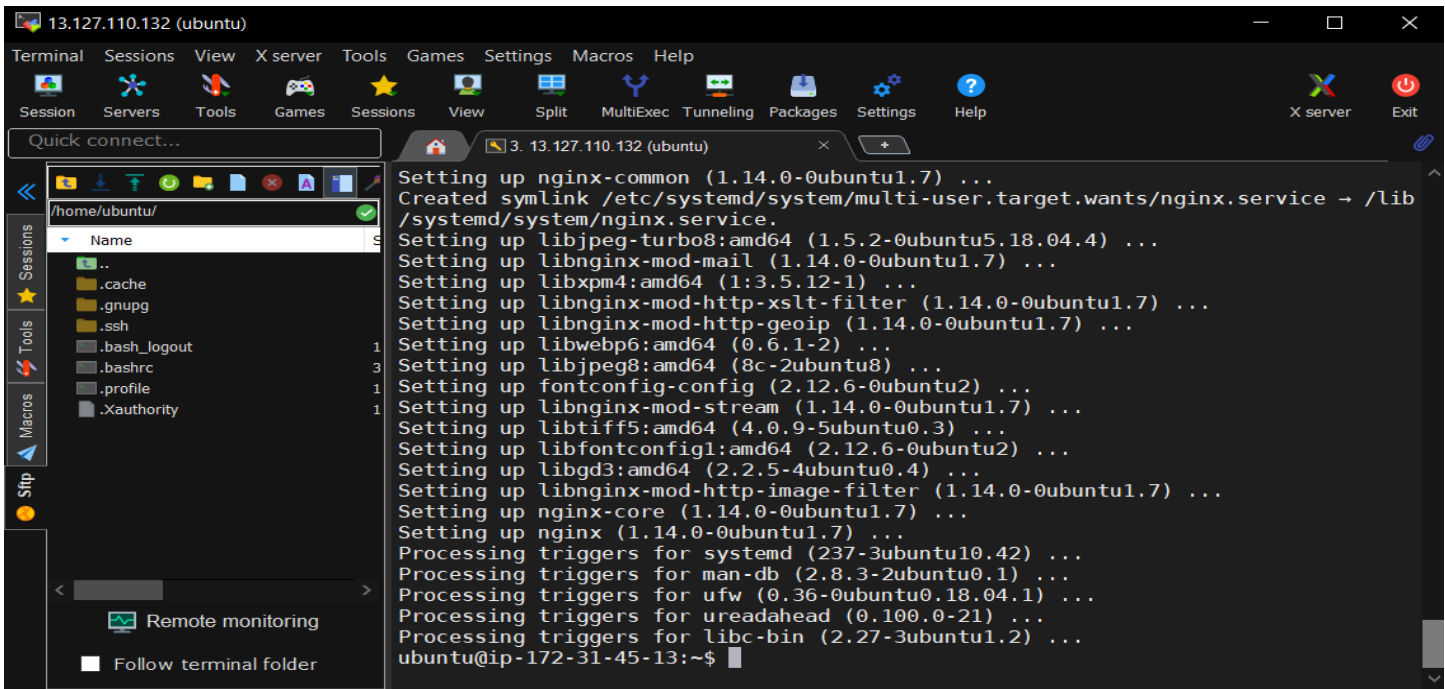
The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

/usr/bin/xauth: file /home/ubuntu/.Xauthority does not exist
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

ubuntu@ip-172-31-45-13:~$
```

Task 4: Install nginx web server using bash



The screenshot shows the same terminal window as Task 3, but now displaying the output of the command to install nginx. The left sidebar remains the same. The main terminal area displays the following output:

```
Setting up nginx-common (1.14.0-0ubuntu1.7) ...
Created symlink /etc/systemd/system/multi-user.target.wants/nginx.service → /lib
/systemd/system/nginx.service.
Setting up libjpeg-turbo8:amd64 (1.5.2-0ubuntu5.18.04.4) ...
Setting up libnginx-mod-mail (1.14.0-0ubuntu1.7) ...
Setting up libxpm4:amd64 (1:3.5.12-1) ...
Setting up libnginx-mod-http-xslt-filter (1.14.0-0ubuntu1.7) ...
Setting up libnginx-mod-http-geoip (1.14.0-0ubuntu1.7) ...
Setting up libwebp6:amd64 (0.6.1-2) ...
Setting up libjpeg8:amd64 (8c-2ubuntu8) ...
Setting up fontconfig-config (2.12.6-0ubuntu2) ...
Setting up libnginx-mod-stream (1.14.0-0ubuntu1.7) ...
Setting up libtiff5:amd64 (4.0.9-5ubuntu0.3) ...
Setting up libfontconfig1:amd64 (2.12.6-0ubuntu2) ...
Setting up libgd3:amd64 (2.2.5-4ubuntu0.4) ...
Setting up libnginx-mod-http-image-filter (1.14.0-0ubuntu1.7) ...
Setting up nginx-core (1.14.0-0ubuntu1.7) ...
Setting up nginx (1.14.0-0ubuntu1.7) ...
Processing triggers for systemd (237-3ubuntu10.42) ...
Processing triggers for man-db (2.8.3-2ubuntu0.1) ...
Processing triggers for ufw (0.36-0ubuntu0.18.04.1) ...
Processing triggers for ureadahead (0.100.0-21) ...
Processing triggers for libc-bin (2.27-3ubuntu1.2) ...

ubuntu@ip-172-31-45-13:~$
```

Task 4: verify successful installation of nginx



Welcome to nginx!

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.

Thank you for using nginx.

Project 2 completed!

Thanks,

Harendra Prasad