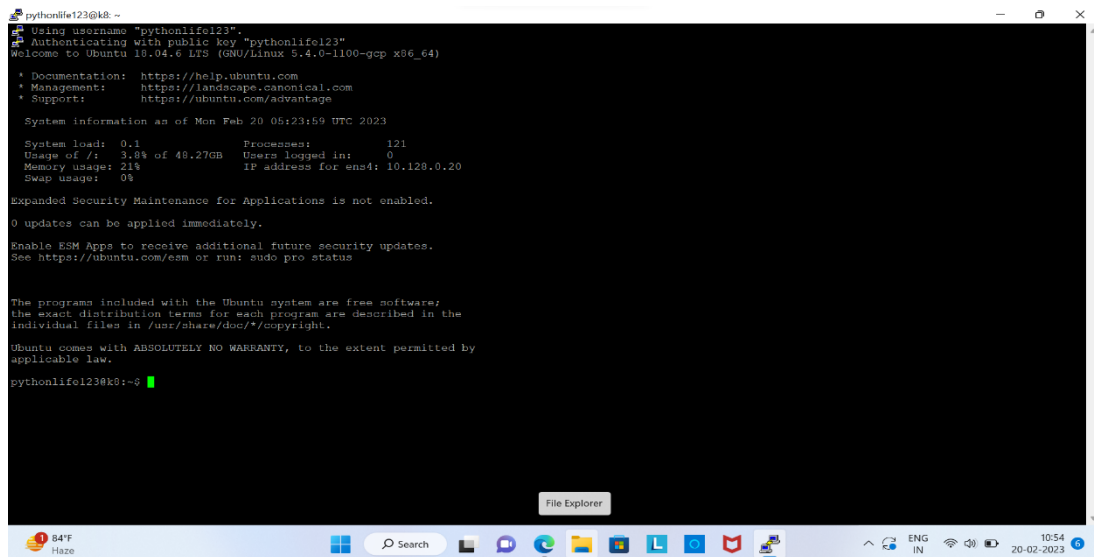


Kubectl Installation:

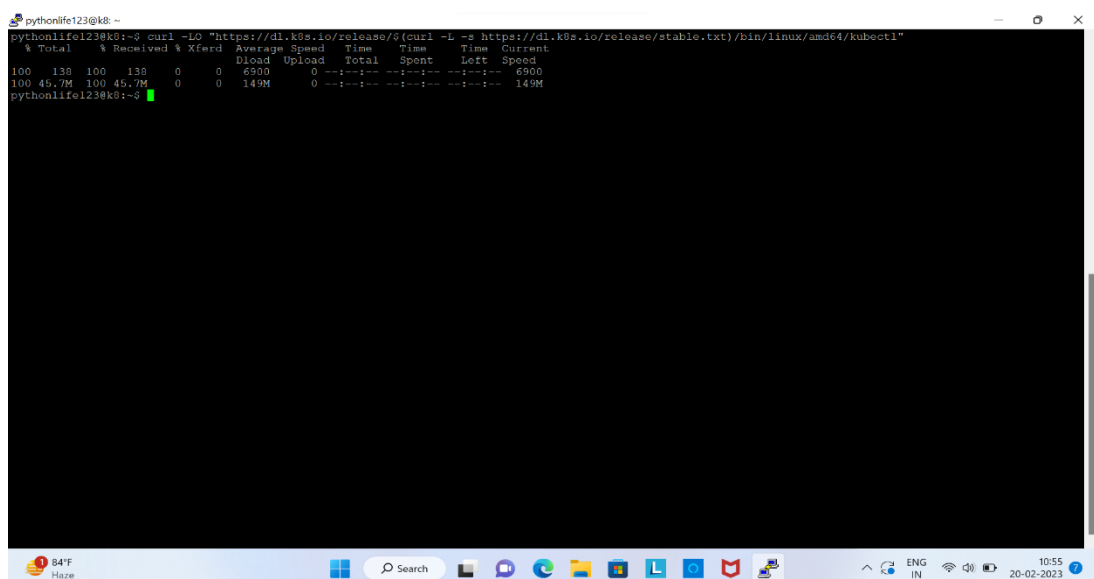
1. Open a terminal window on your Ubuntu instance in GCP.



```
pythonlife123@k8: ~  
* Using username "pythonlife123".  
* Authenticating with public key "pythonlife123"  
Welcome to Ubuntu 18.04.6 LTS (GNU/Linux 5.4.0-1100-gcp x86_64)  
  
 * Documentation:  https://help.ubuntu.com  
 * Management:    https://landscape.canonical.com  
 * Support:       https://ubuntu.com/advantage  
  
System information as of Mon Feb 20 05:23:59 UTC 2023  
  
System load: 0.1               Processes: 121  
Usage of /: 3.8% of 48.27GB    Users logged in: 0  
Memory usage: 21%             IP address for ens4: 10.128.0.20  
Swap usage: 0%  
  
Expanded Security Maintenance for Applications is not enabled.  
0 updates can be applied immediately.  
Enable ESM Apps to receive additional future security updates.  
See https://ubuntu.com/esm or run: sudo pro status  
  
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.  
pythonlife123@k8:~$
```

2. Download the “kubectl” binary for your Operating System, to download the kubectl for Linux, you can use the following command. This command will download the latest version of kubectl for Linux.

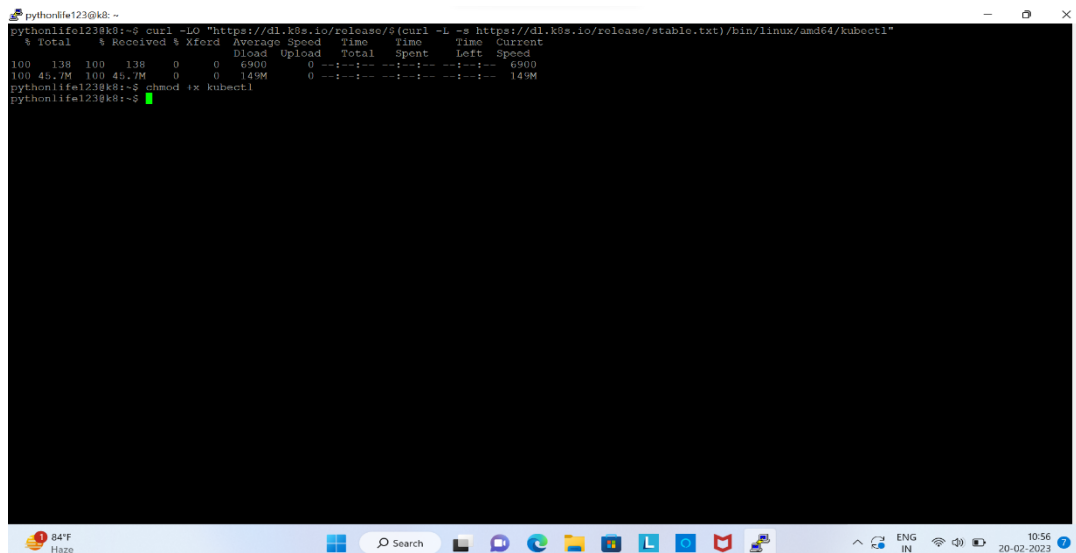
curl -LO [https://dl.k8s.io/release/\\$\(curl -L -s https://dl.k8s.io/release/stable.txt\)/bin/linux/amd64/kubectl](https://dl.k8s.io/release/$(curl -L -s https://dl.k8s.io/release/stable.txt)/bin/linux/amd64/kubectl)



```
pythonlife123@k8: ~  
pythonlife123@k8:~$ curl -LO "https://dl.k8s.io/release/$(curl -L -s https://dl.k8s.io/release/stable.txt)/bin/linux/amd64/kubectl"  
% Total % Received % Xferd Average Speed Time Time Time Current  
100 138 100 138 0 0 6900 0 --:--:-- --:--:-- --:--:-- 6900  
100 45.7M 100 45.7M 0 0 149M 0 --:--:-- --:--:-- --:--:-- 149M  
pythonlife123@k8:~$
```

3. Make the kubectl binary executable by running the following command.

```
chmod +x ./kubectl
```

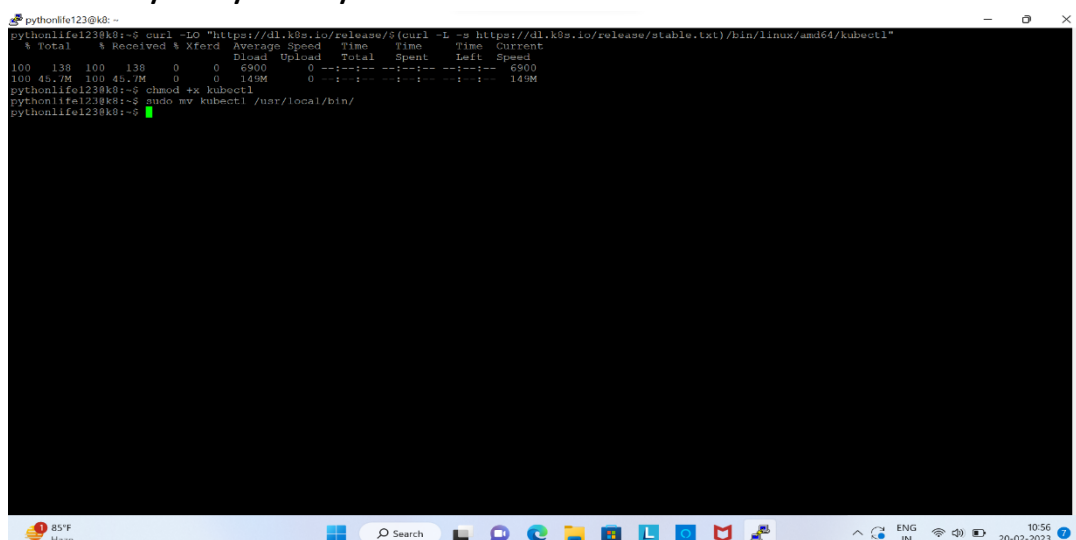


```
pythonlife123@k8: ~  
pythonlife123@k8:~$ curl -LO "https://dl.k8s.io/release/${curl -L -s https://dl.k8s.io/release/stable.txt}/bin/linux/amd64/kubectl"  
% Total % Received % Xferd Average Speed Time Time Time Current  
100 138 100 138 0 0 6900 0 --:--:-- --:--:-- --:--:-- 6900  
100 45.7M 100 45.7M 0 0 149M 0 --:--:-- --:--:-- --:--:-- 149M  
pythonlife123@k8:~$ chmod +x kubectl  
pythonlife123@k8:~$
```

4. Move the “kubectl” binary to a directory in your path by running the following command.

```
sudo mv ./kubectl /usr/local/bin/kubectl
```

This will make the kubectl command available from any directory on your system.



```
pythonlife123@k8: ~  
pythonlife123@k8:~$ curl -LO "https://dl.k8s.io/release/${curl -L -s https://dl.k8s.io/release/stable.txt}/bin/linux/amd64/kubectl"  
% Total % Received % Xferd Average Speed Time Time Time Current  
100 138 100 138 0 0 6900 0 --:--:-- --:--:-- --:--:-- 6900  
100 45.7M 100 45.7M 0 0 149M 0 --:--:-- --:--:-- --:--:-- 149M  
pythonlife123@k8:~$ chmod +x kubectl  
pythonlife123@k8:~$ sudo mv kubectl /usr/local/bin/  
pythonlife123@k8:~$
```

5. Verify that kubectl is installed correctly by running the following command:

kubectl version --client

```
pythonlife123@k8: ~  
pythonlife123@k8:~$ curl -LO "https://dl.k8s.io/release/$(curl -L -s https://dl.k8s.io/release/stable.txt)/bin/linux/amd64/kubectl"  
% Total % Received % Xferd Average Speed Time Time Current  
100 138 100 138 0 0 6900 0 --:--:-- --:--:-- --:--:-- 6900  
100 45.7M 100 45.7M 0 0 149M 0 --:--:-- --:--:-- --:--:-- 149M  
pythonlife123@k8:~$ chmod +x kubectl  
pythonlife123@k8:~$ sudo mv kubectl /usr/local/bin/  
pythonlife123@k8:~$ kubectl version --client  
WARNING: This version information is deprecated and will be replaced with the output from kubectl version --short. Use --output=yaml|json to get the full version.  
Client Version: version.Info{Major:"1", Minor:"26", GitVersion:"v1.26.1", GitCommit:"8f94681cd294aa8cfd3407b891f6c70214973a4", GitTreeState:"clean", BuildDate:"2023-01-18T15:58:16Z", GoVersion:"go1.19.5", Compiler:"gc", Platform:"linux/amd64"}  
Kustomize Version: v4.5.7  
pythonlife123@k8:~$
```

This should display the version of kubectl that you just installed.

That's it! You now have kubectl installed on your system.