# Update package lists

sudo apt-get update

# Remove existing Docker packages

sudo apt-get remove docker docker-engine docker.io containerd runc -y

# Install required packages for Docker installation

sudo apt-get install apt-transport-https ca-certificates curl software-properties-common -y

# Add Docker's official GPG key

curl -fsSL https://download.docker.com/linux/ubuntu/gpg | sudo apt-key add -

# Add Docker repository

sudo add-apt-repository "deb [arch=amd64] https://download.docker.com/linux/ubuntu focal stable"

# Update package information with the new Docker repository

sudo apt-get update

# Install Docker CE (Community Edition)

sudo apt-get install docker-ce -y

# Check the status of Docker service

sudo systemctl status docker