Steps for Installing
Docker and Docker Compose
on your Linux Server

1. First, be sure to choose Ubuntu 16.04 when launching your server.
2. Don't copy the $ symbol or the > symbol from the code below.
3. Copy and paste the blue lines below.

How to install Docker

Udemy Free Docker Essentials Course
Section 1
Lesson 7: Demo - Installing Docker on Linux
https://www.udemy.com/course/docker-essentials/

1. Update the server.
   $ sudo apt-get update

2. Install the pre-requisites
   (Copy a line. Paste it. Press enter. Copy and paste the next line.)

   $ sudo apt-get install \
   > apt-transport-https \
   > ca-certificates \
   > curl \
   > software-properties-common

3. Download gpg key for docker and add it to our machine
   fsSL keeps the result as small as OK.
   $ curl -fsSL https://download.docker.com/linux/ubuntu/gpg | sudo apt-key add -

4. Verify the key
   The last eight characters of the fingerprint should match 0EBFCD88.
   $ sudo apt-key fingerprint 0EBFCD88

5. Create a repository (called 'stable') and add to it.
   (Copy a line. Paste it. Press enter. Copy and paste the next line.)

   ```
   $ sudo add-apt-repository \
   > "deb [arch=amd64] https://download.docker.com/linux/ubuntu \
   > $(lsb_release -cs) \
   > stable"
   ```

   If there is an error when you enter the above lines then copy and pasting in the entire highlighted line below should resolve the error:

   https://askubuntu.com/questions/989881/error-deb-arch-amd64-https-download-docker-com-linux-ubuntu-xenial-sta

   ```
   $ sudo add-apt-repository "deb [arch=amd64] https://download.docker.com/linux/ubuntu $(lsb_release -cs) stable"
   ```

6. Run the update again to reflect the changes
   ```
   $ sudo apt-get update
   ```

7. Install Docker
   Ce means community edition. This is the free edition.
   ```
   $ sudo apt-get install docker-ce
   ```

8. Verify that the installation was successful
   This will run a container called hello-world, which will only be possible if the docker installation was successful.
   ```
   $ sudo docker run hello-world
   ```

How to install Docker Compose

Udemy Free Docker Essentials Course
Section 6
Lesson 36: Demo - Installing Docker Compose on Linux
https://www.udemy.com/course/docker-essentials/

1. Fetch the binaries of docker compose from its official github
   release. We will store this on our machine.
   (Copy and paste the entire highlighted line.)

   ```
   $ sudo curl -L
   https://github.com/docker/compose/releases/download/1.22.0/docker
   -compose-$(uname -s)-$(uname -m) -o/usr/local/bin/docker-compose
   ```

2. Make the binaries executable
   ```
   $ sudo chmod +x /usr/local/bin/docker-compose
   ```

3. Check if the installation was successful
   ```
   $ docker-compose --version
   ```

The End.