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**Date:23/5/2022**

**NETWORKING & SYSTEM ADMINISTRATION LAB**

**Experiment No.: 23**

**Aim**

install docker on ubuntu

**Procedure**

1:Open the terminal on Ubuntu.

2. Remove any [Docker files](https://www.simplilearn.com/tutorials/docker-tutorial/what-is-dockerfile) that are running in the system, using the following command:

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| **$ sudo apt-get remove docker docker-engine docker.io**    After entering the above command, you will need to enter the password of the root and press enter.  3. Check if the system is up-to-date using the following command:  **$ sudo apt-get update**  4. Install Docker using the following command:  **$ sudo apt install docker.io**  You’ll then get a prompt asking you to choose between y/n - choose *y*  5. Install all the dependency packages using the following command:  **$ sudo snap install docker**  6. Before testing Docker, check the version installed using the following command:  **$ docker –version**    7. Pull an image from the Docker hub using the following command:  **$ sudo docker run hello-world**    Here, *hello-world* is the docker image present on the Docker hub.  8. Check if the docker image has been pulled and is present in your system using the following command:  **$ sudo docker images**    9. To display all the containers pulled, use the following command:  **$ sudo docker ps -a**    10. To check for containers in a running state, use the following command:  **$ sudo docker ps** |