

**UNIVERSITY OF PETROLEUM & ENERGY STUDIES**

**Dehradun**

**APPLICATION CONTAINERISATION**

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**Course: B. TECH CSE DevOps (2018-22)**

**Roll no.: R171218096**

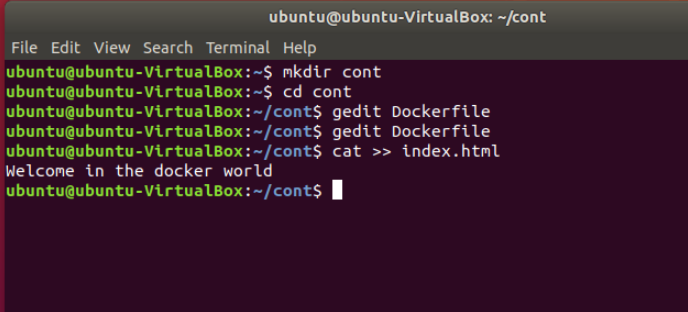
**Sapid: 500068969**

**Experiment-4**

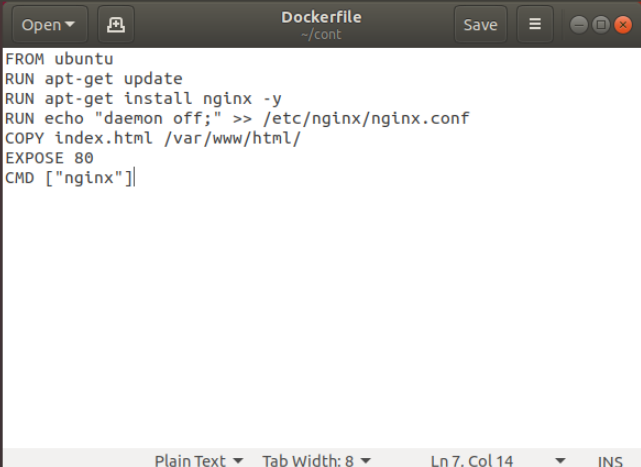
**Dockerfile**

**Aim- Pushing the docker image into the docker hub**

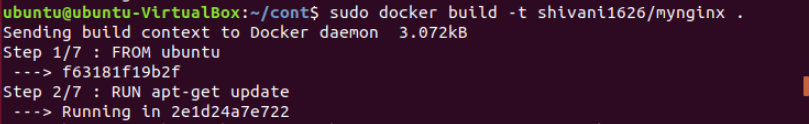
**Step 1: Create a folder and create a html file in that folder**

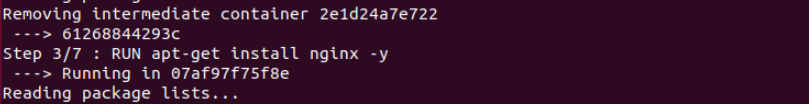


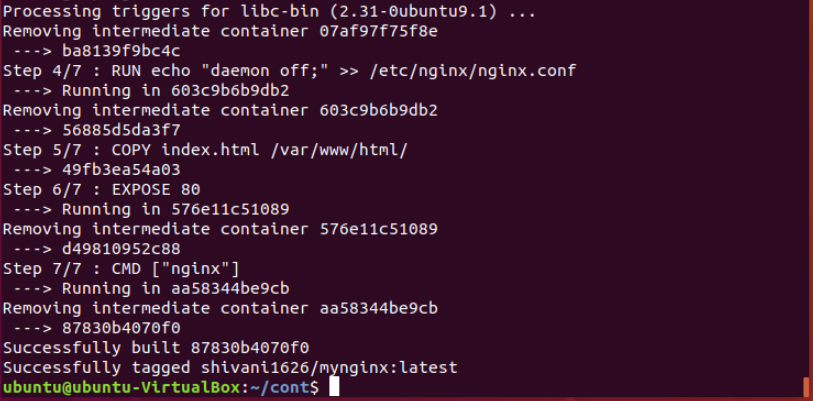
**Step 2: Write the content in the dockerfile**



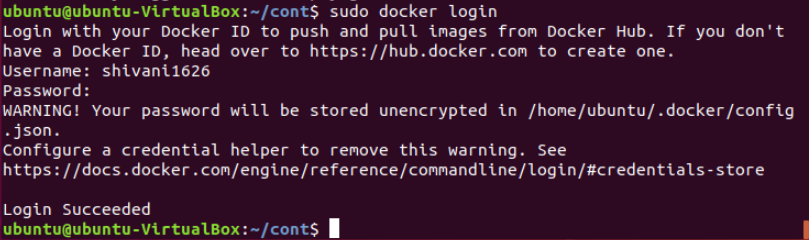
**Step 3: Now create an image using “docker build” command**



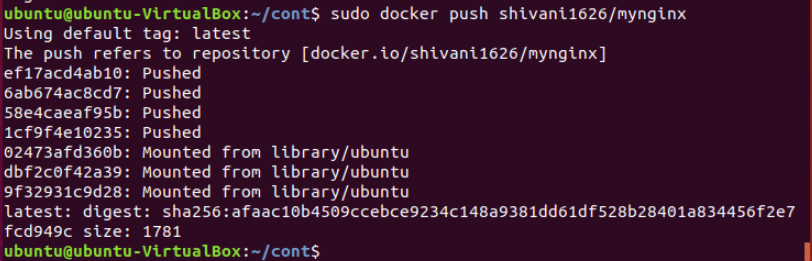




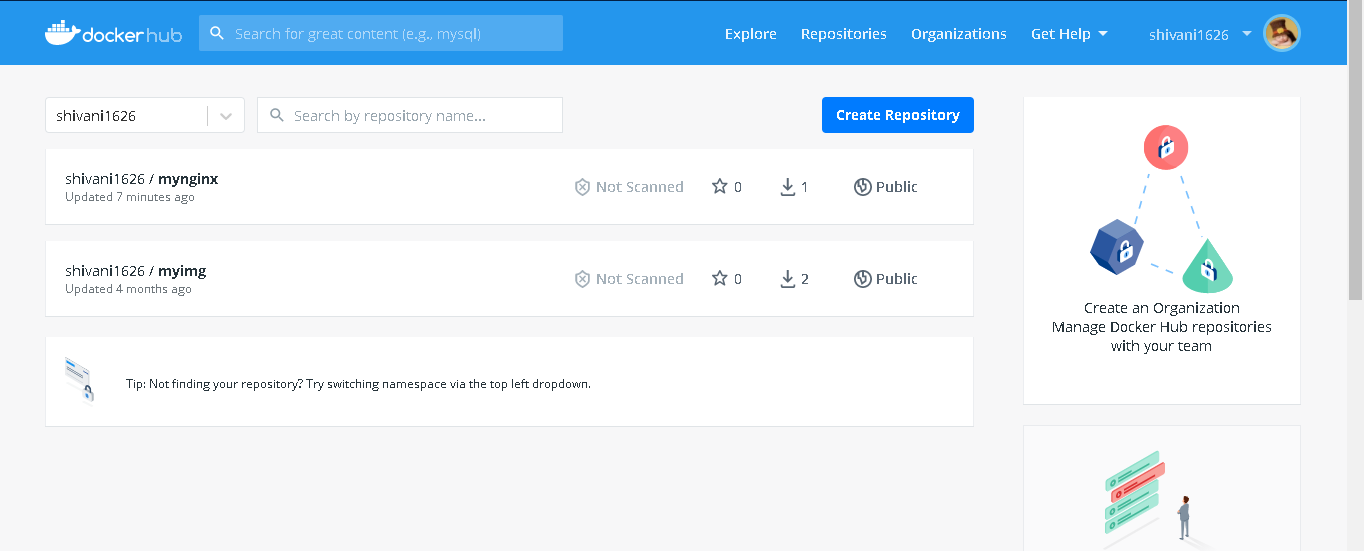
**Step 4: Login to Dockerhub**



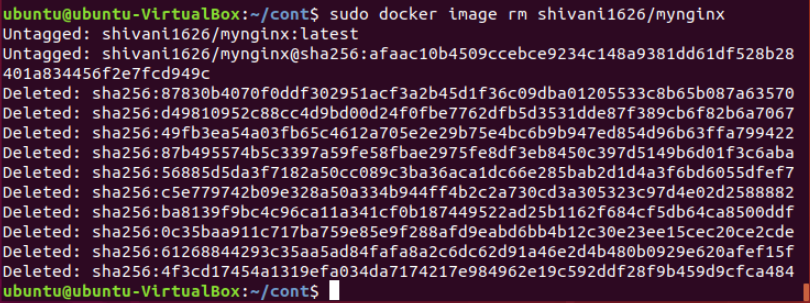
**Step 5: Now push the image to docker hub using “docker push” command**



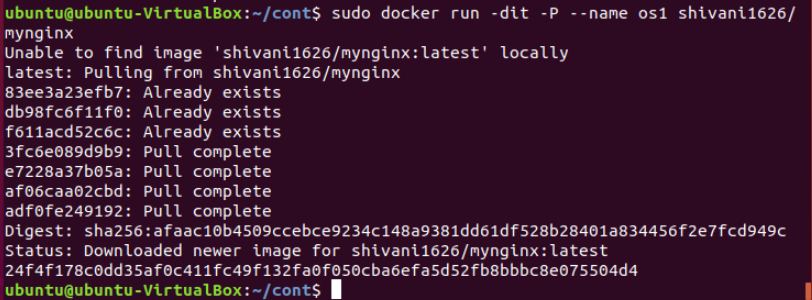
**Pushed image is visible in the dockerhub**



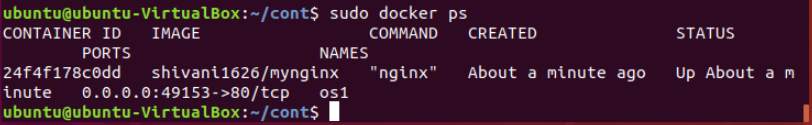
**Step 6: Remove the image locally**



**Step 7: Pull the same image from dockerhub and launch a container**



**Step 8: nginx server having 80 port has been translated**



**Step 9: We can see the content of index.html file from the newly launched container**

