Step-1: List the images.

```
# docker images
or
# docker image ls
```

Step-2: Now, Start the ubuntu containers:

```
# docker container run -itd ubuntu bash

student@gitOps:~$ docker container ls
CONTAINER ID   IMAGE     COMMAND   CREATED          STATUS          PORTS     NAMES
6e5900f9ba43   ubuntu    "bash"    43 seconds ago   Up 42 seconds             stoic_eas
```

Step-2: Now, Commit the container and create new container image.

```
student@gitOps:~$ docker container commit 6e5900f9ba43 servera
sha256:6a746ab5415859c908baa53c58e408e46dcdb8c38f115459e2fa934990992d94

student@gitOps:~$ docker image ls
REPOSITORY   TAG       IMAGE ID       CREATED          SIZE
servera      latest    6a746ab54158   9 seconds ago    72.8MB
```

Step 3. Before push the container you have to sign-in with hub.docker.com.

```
student@gitOps:~$ docker login
Login with your Docker ID to push and pull images from Docker Hub. If you don't have a
Username: darwikdev11
Password:
WARNING! Your password will be stored unencrypted in /home/student/.docker/config.json.
Configure a credential helper to remove this warning. See
https://docs.docker.com/engine/reference/commandline/login/#credentials-store

Login Succeeded
student@gitOps:~$`
```

Step-4: Now, Define the tag. And push the image to docker hub.

```
student@gitOps:~$ docker image tag servera darwikdev11/servera
student@gitOps:~$ docker image ls
REPOSITORY            TAG       IMAGE ID       CREATED          SIZE
darwikdev11/servera   latest    6a746ab54158   11 minutes ago   72.8MB
servera               latest    6a746ab54158   11 minutes ago   72.8MB
```

Step-5: Now, pushing client machine.

```
student@gitOps:~$ docker push darwikdev11/servera
```

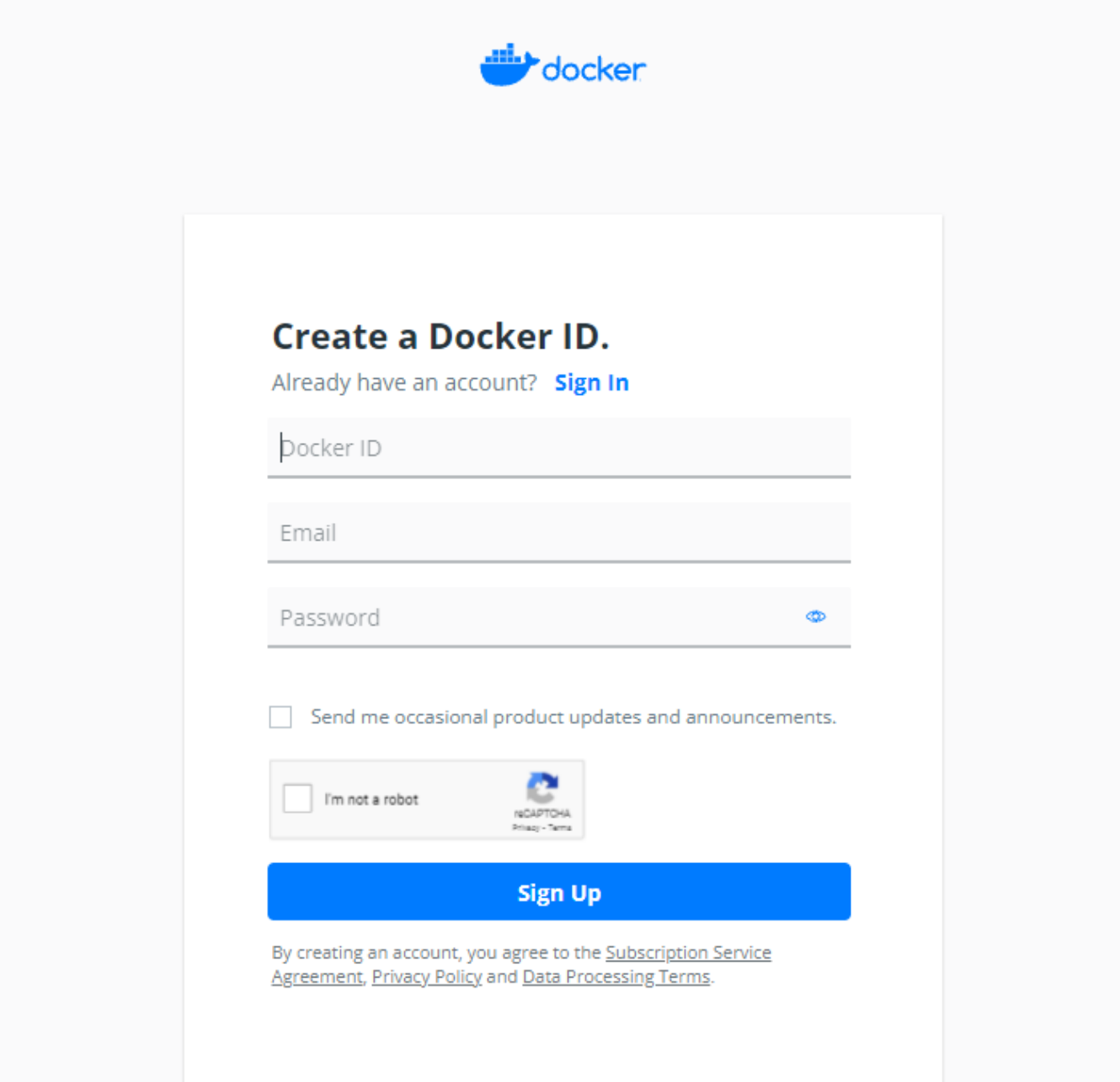
Search the image in private registry.

Step.6: After the pushed image, checkout the website

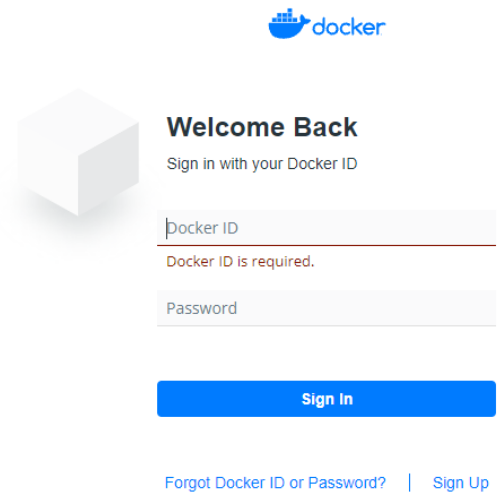
```
Login: https://hub.docker.com
```

NOTE: Follow these instructions if you don't have an account.

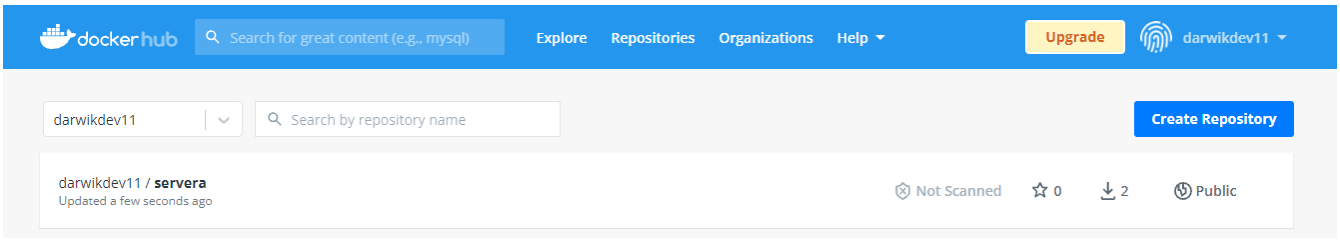
Step-7.0: If you don't have any account, Now, signup today. Now, go to website : http://hub.docker.com



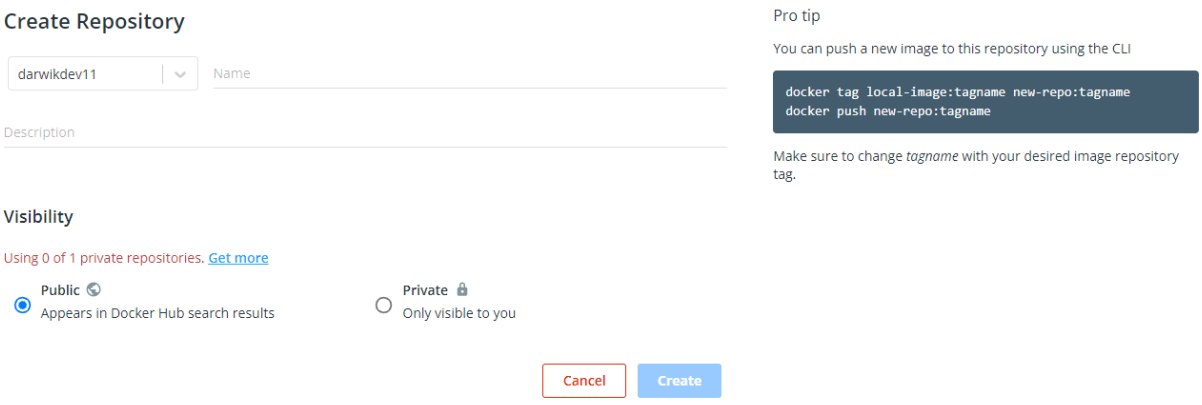
Step-7.1: If you an account, Now, sign-in.



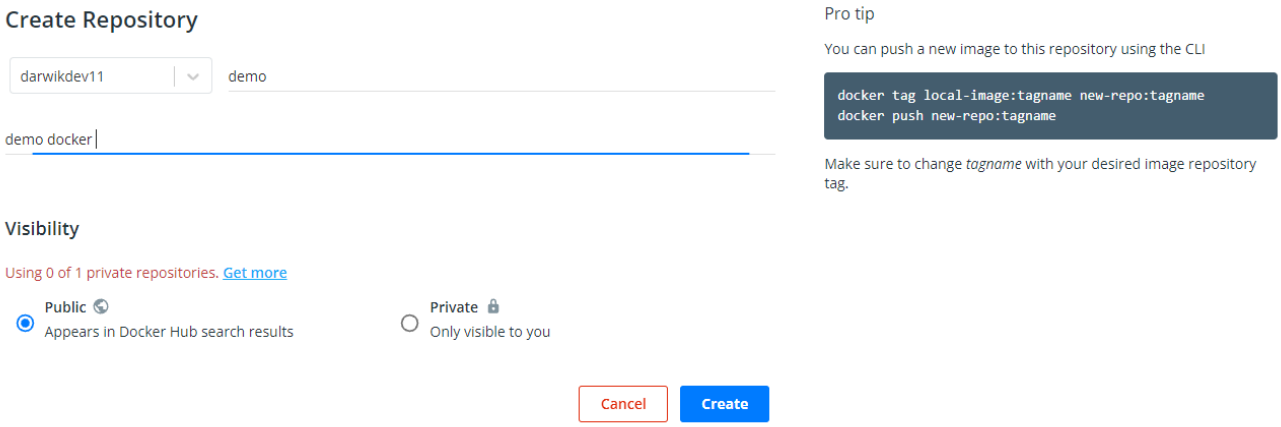
Step-7.2: After sign-in, you can check your repositories in your account.



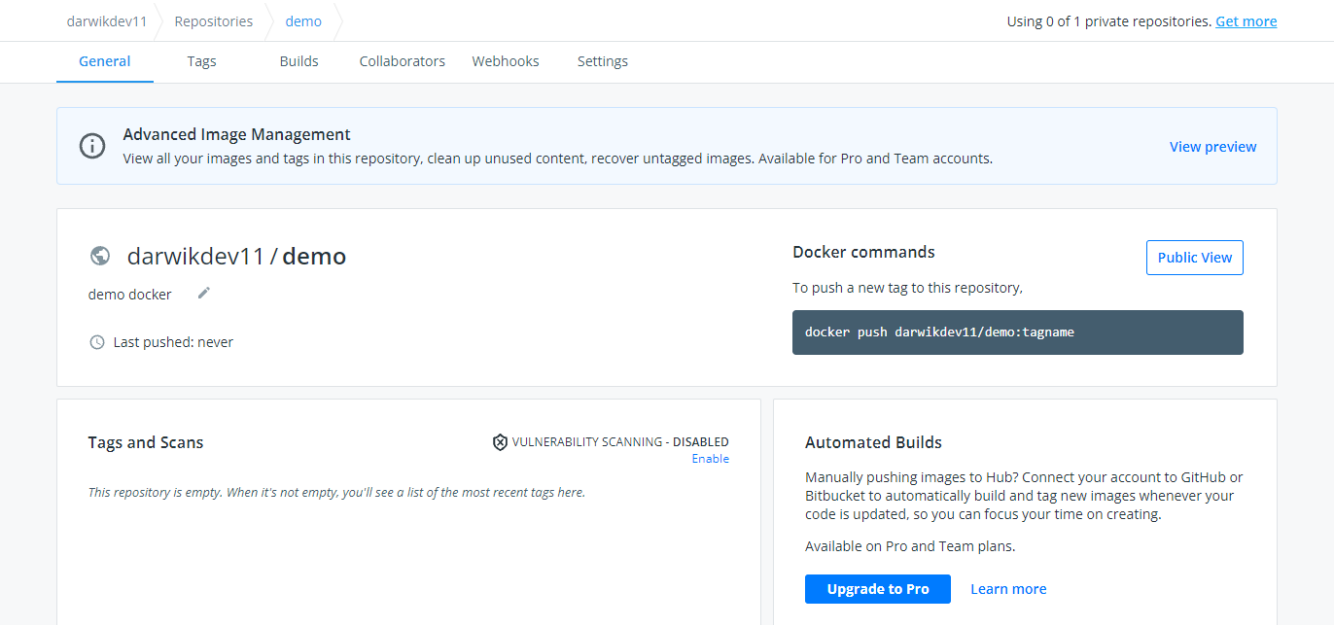
Step-7.3: Create your own repository.



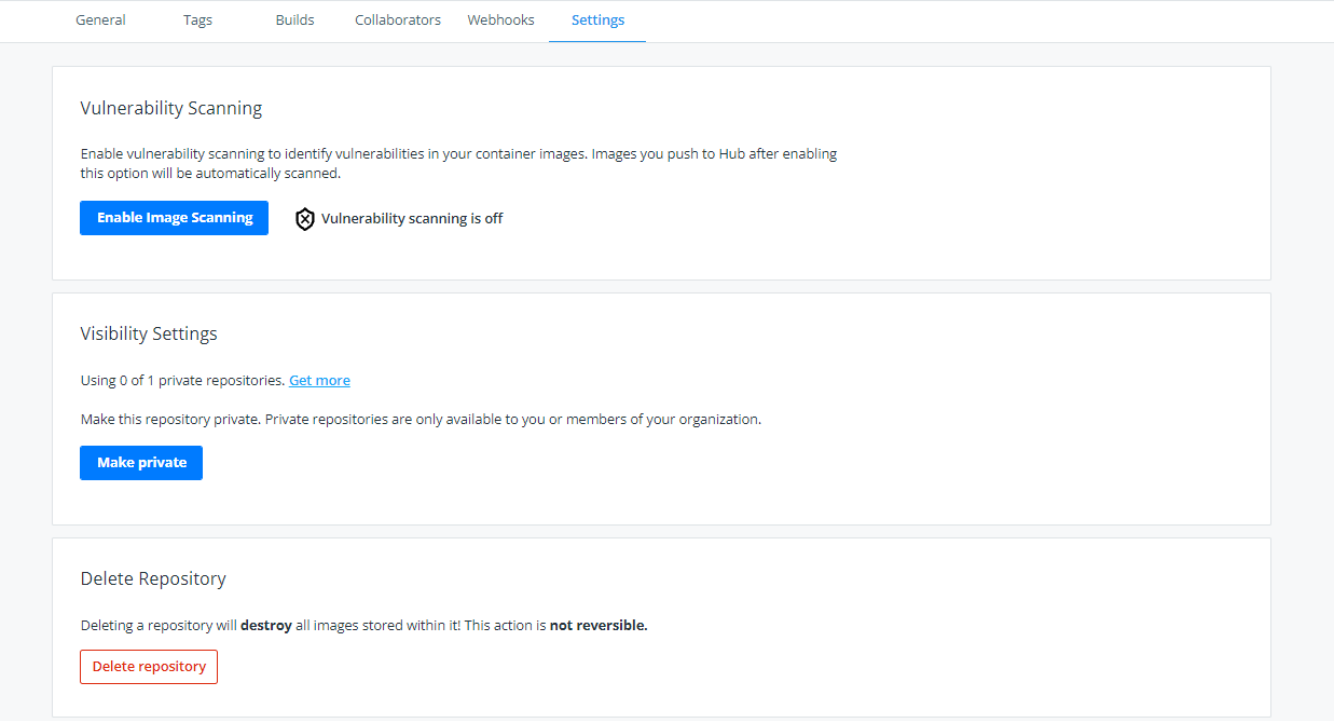
Step-7.4: tap to create a repository.

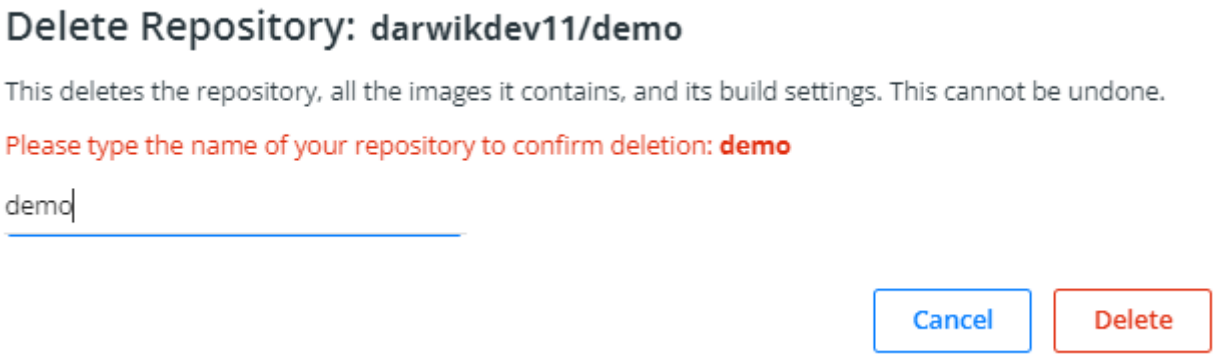


Step-7.5: after the created repository, look like this :

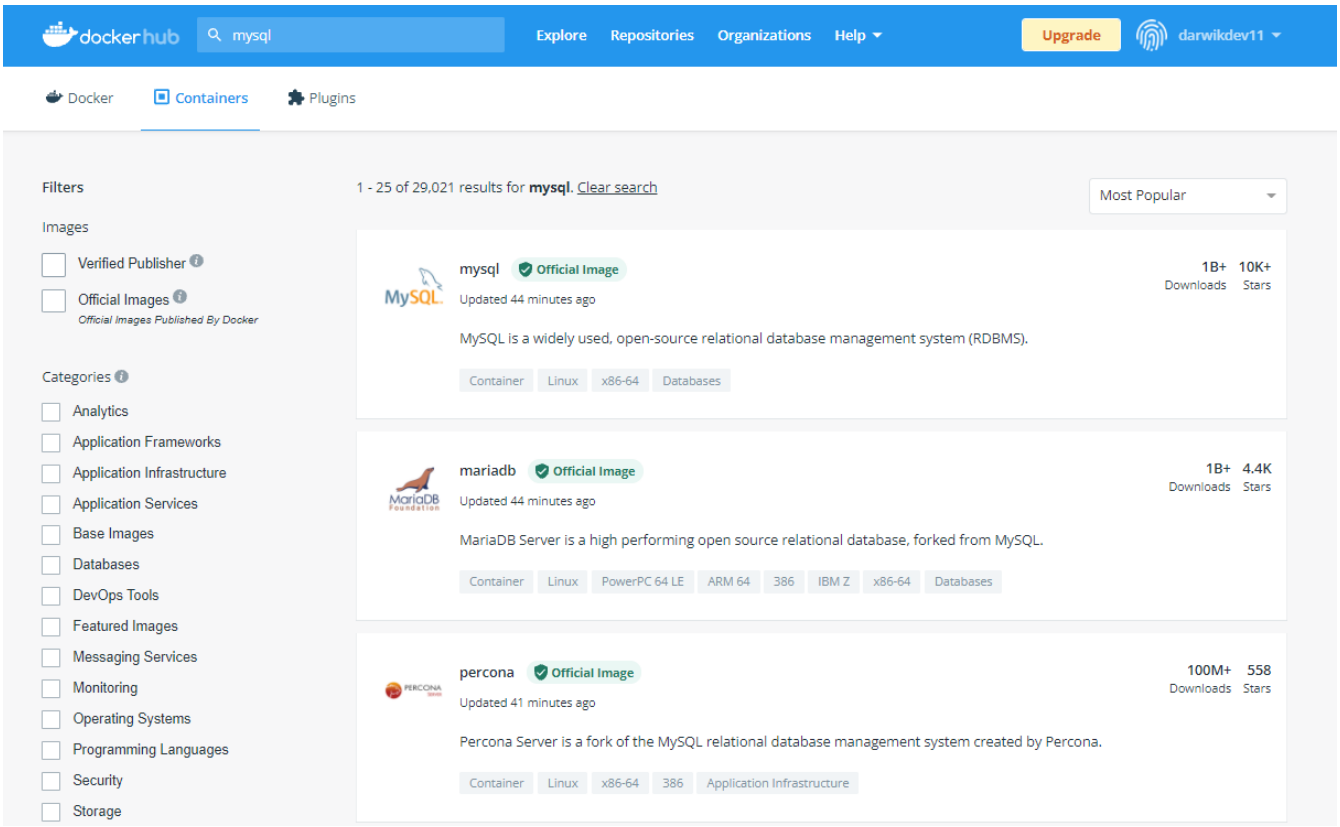


Step-7.6: For remove : go to settings, and delete the repository.





Step-8: Search a new image.



Step-8.1: now go back to the termincal and pull the image.

```
# docker pull mysql
```