

## Unit-2

### Task-02

Update the ubuntu container, install Apache and php, then push updated on to docker hub.

Compare the size base image and updated image after commit.

```
Terminal

PS C:\Users\satya> docker pull ubuntu:latest
latest: Pulling from library/ubuntu
Digest: sha256:d1e2e92c075e5ca139d51a140fff46f84315c0fdce203eab2807c7e495eff4f9
Status: Downloaded newer image for ubuntu:latest
docker.io/library/ubuntu:latest
PS C:\Users\satya> docker images
          i Info → U In Use
IMAGE           ID      DISK USAGE   CONTENT SIZE   EXTRA
ubuntu:latest  d1e2e92c075e    119MB        31.7MB
PS C:\Users\satya> docker run -it --name myubuntu ubuntu:latest
root@c72fe3752ac4:/# apt update
```

```
1. Africa  3. Antarctica  5. Asia      7. Australia  9. Indian    11. Etc
2. America 4. Arctic       6. Atlantic   8. Europe     10. Pacific   12. Legacy
Geographic area: Indian

Please select the city or region corresponding to your time zone.

1. Antananarivo 3. Christmas 5. Comoro    7. Mahe      9. Mauritius 11. Reunion
2. Chagos       4. Cocos      6. Kerguelen 8. Maldives 10. Mayotte
Time zone: Maldives
```

```
[i] Info → To login with a different account, run 'docker logout' followed by 'docker login'

Login Succeeded
PS C:\Users\satya> docker push satyampro26/ubuntu-apache-php:v1
The push refers to repository [docker.io/satyampro26/ubuntu-apache-php]
c33efdd910cb: Pushed
01d7766a2e4a: Layer already exists
v1: digest: sha256:4f23a3a7198b6da180e6b1f3ac101525b942abc00366ca15568e25fa3c223fde size: 751
PS C:\Users\satya>

PS C:\Users\satya> docker commit myubuntu satyampro26/ubuntu-apache-php:v1
sha256:4f23a3a7198b6da180e6b1f3ac101525b942abc00366ca15568e25fa3c223fde
PS C:\Users\satya> docker images
[i] Info → [U] In Use


| IMAGE                                      | ID           | DISK USAGE | CONTENT SIZE | EXTRA |
|--------------------------------------------|--------------|------------|--------------|-------|
| satyampro26/ubuntu-apache-php:v1           | 4f23a3a7198b | 404MB      | 113MB        |       |
| ubuntu:latest                              | d1e2e92c075e | 119MB      | 31.7MB       | [U]   |
| yourdockerhubusername/ubuntu-apache-php:v1 | 16f15340add3 | 404MB      | 113MB        |       |


PS C:\Users\satya> docker login
Authenticating with existing credentials... [Username: satyampro26]
```

**Step1:** Run ubuntu container with given image name and tag

**Step2:** Authenticate

**Step3:** Get inside the container

**Step4:** Update and install the PHP and Apache image in the container

**Step5:** exit

**Step6:** commit

**Step7:** compare base image and updated image

**Step8:** Push the image to docker hub