

1. Pull Ubuntu Container

To pull the latest Ubuntu container image from Docker Hub, run the following command:

```
docker pull ubuntu
```

2. Run the Container and Map Port 80 on the Local Machine

You can run the Ubuntu container while mapping port 80 on your local machine to port 80 on the container using the following command:

```
docker run -itd -p 80:80 --name my-ubuntu-container ubuntu
```

```
C:\Users\Mohd Shahid\Desktop\Intellipat\Devops>docker ps
CONTAINER ID   IMAGE     COMMAND                  CREATED        STATUS        PORTS                               NAMES
300ab952b8ba   ubuntu   "/bin/bash"             8 minutes ago Up 8 minutes   0.0.0.0:80->80/tcp                 my-ubuntu-container
```

3. Install Apache2 on This Container

You need to access the running container to install Apache2. Use the following commands:

```
docker exec -it my-ubuntu-container /bin/bash
```

Once inside the container, run the following commands to install Apache2:

```
apt update
```

```
apt install -y apache2
```

Then, start the Apache2 service:

```
service apache2 start
```

4. Check if You Can Access the Apache Page on Your Browser

Open your web browser and navigate to <http://localhost>. You should see the Apache2 default welcome page.

