

Prac-05

## **Working on the GitHub Container Registry (GHCR) building image in docker to the GitHub**

```
Terminal

PS C:\Users\narut> mkdir ghcr-demo

Directory: C:\Users\narut

Mode                LastWriteTime         Length Name
----                <-----              ----- 
d----        19-02-2026     12:31          ghcr-demo

PS C:\Users\narut> cd ghcr-demo
PS C:\Users\narut\ghcr-demo> notepad dockerfile
PS C:\Users\narut\ghcr-demo> notepad index.html
```

### **Step1:** create a directory

## **Step2:** Get inside the directory

**Step3:** Make a index.html file and a docker file

**Step4:** rename the dockerfile.txt to docker

**Step5:** build the image using your GitHub username

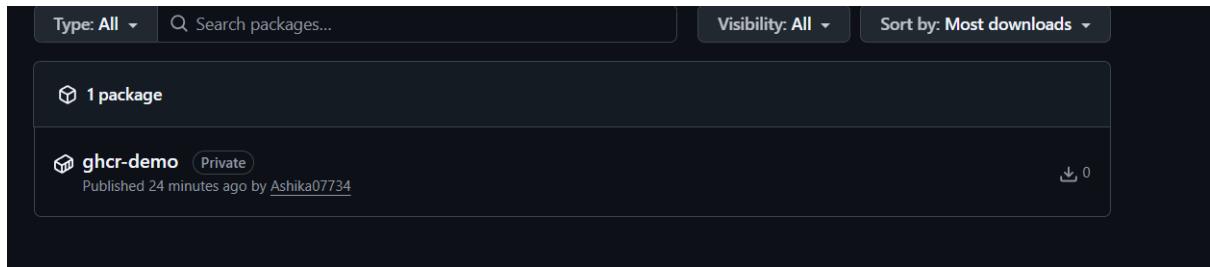
```
Terminal

PS C:\Users\narut\ghcr-demo> docker login ghcr.io
Username: Ashika07734
Password:

Login Succeeded
PS C:\Users\narut\ghcr-demo> docker push ghcr.io/ashika07734/ghcr-demo
Using default tag: latest
The push refers to repository [ghcr.io/ashika07734/ghcr-demo]
955a8478f9ac: Waiting
b7d3769a4786: Waiting
b0f129737eac: Waiting
```

**Step6:** login using the GitHub username and pat (password access token) as password

**Step7:** push the package to the GitHub and verify



```
Terminal
PS C:\Users\narut\ghcr-demo> docker rmi ghcr.io/ashika07734/ghcr-demo:latest
Untagged: ghcr.io/ashika07734/ghcr-demo:latest
Deleted: sha256:25d6eacf3081e270b11a03286b8a2eac4c051f09bb737784b030e8056f0dc1ba
PS C:\Users\narut\ghcr-demo> docker pull ghcr.io/ashika07734/ghcr-demo:latest
latest: Pulling from ashika07734/ghcr-demo
b0f129737eac: Pull complete
b7d3769a4786: Download complete
Digest: sha256:25d6eacf3081e270b11a03286b8a2eac4c051f09bb737784b030e8056f0dc1ba
Status: Downloaded newer image for ghcr.io/ashika07734/ghcr-demo:latest
ghcr.io/ashika07734/ghcr-demo:latest
PS C:\Users\narut\ghcr-demo>
```

**Step8:** remove the image locally

**Step9:** pull the image from ghcr to local machine