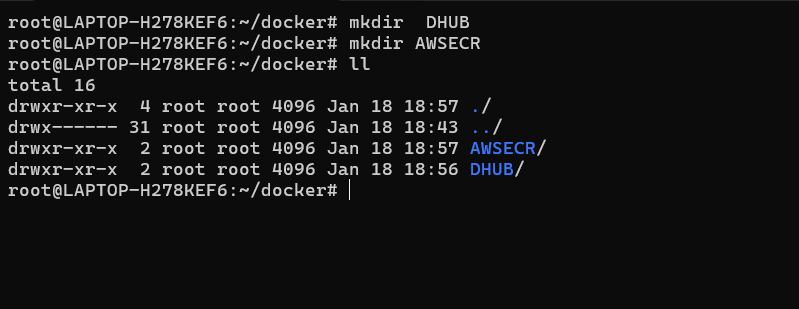
Docker 6th Assignment

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\*\*Task List: Docker Image Creation and Deployment\*\*

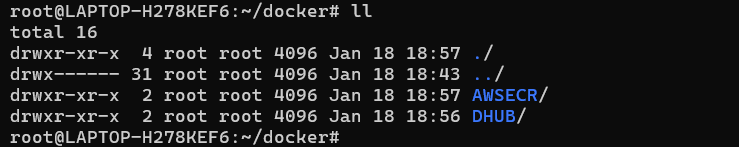
1. \*\*Create Directories:\*\*  
   - Establish two directories named "DHUB" and "AWSECR."

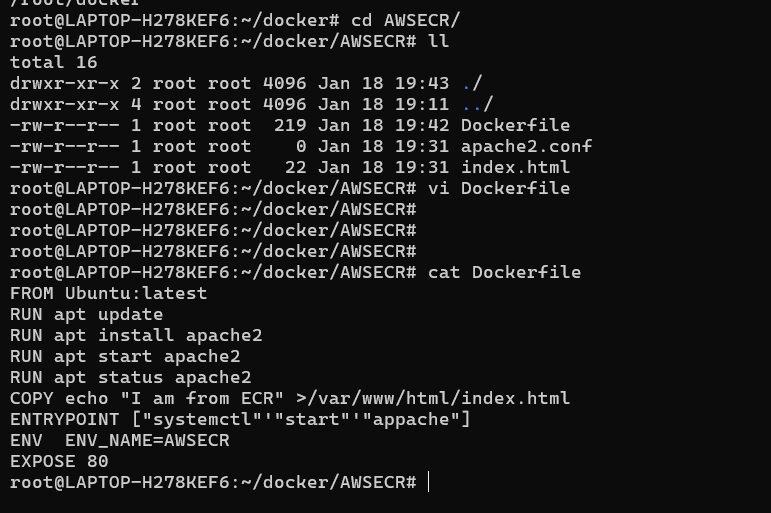


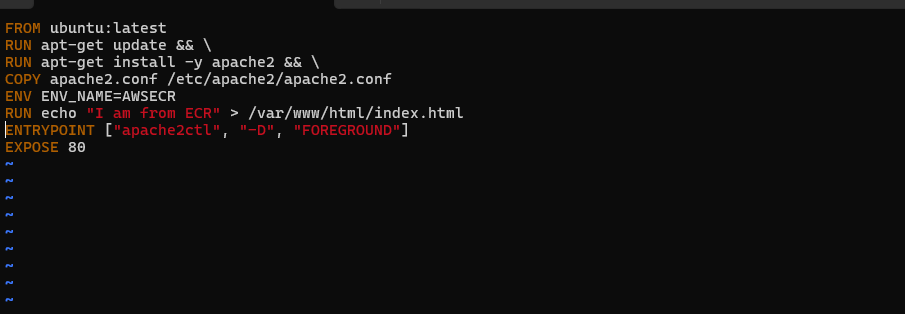
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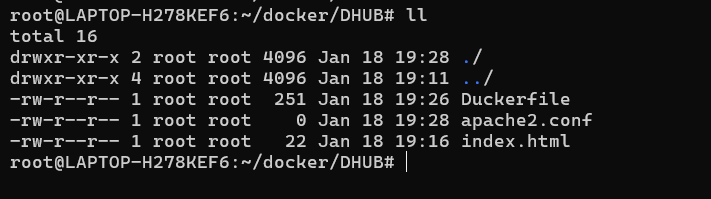
2. \*\*Dockerfile Creation:\*\*

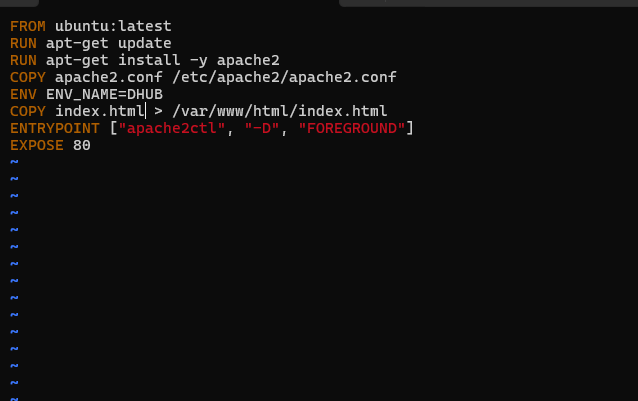
- Develop two Docker files to construct custom images with the following specifications:  
     - Base image: Ubuntu  
     - Install packages: httpd  
     - Add "I am from Docker Hub" to the index.html file for DHUB directory and "I am from ECR" for AWSECR directory.  
     - Set environment variable ENV\_NAME=DHUB for the DHUB directory and ENV\_NAME=AWSECR for the AWSECR directory.  
  - Start http service using ENTRYPOINT   
  - Expose port 80.







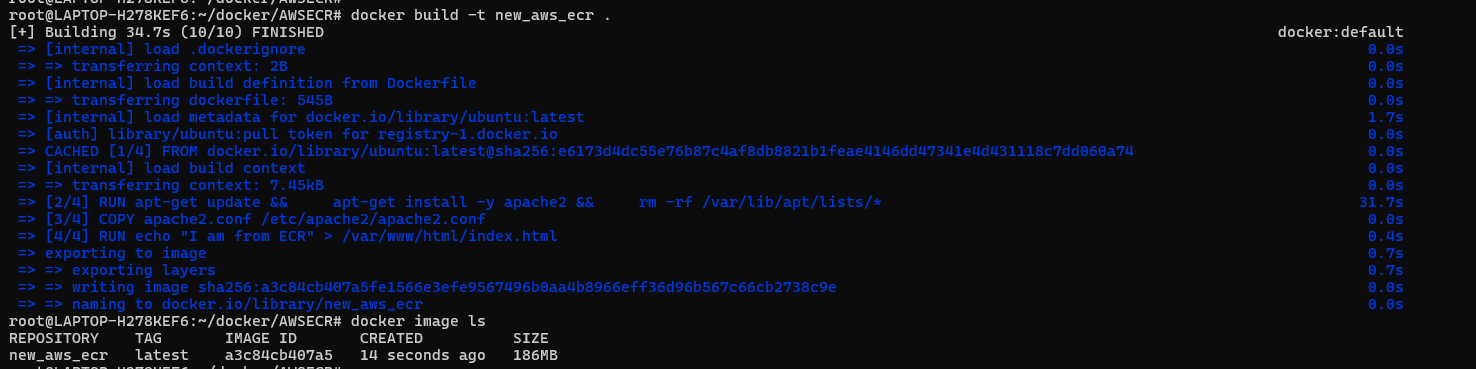


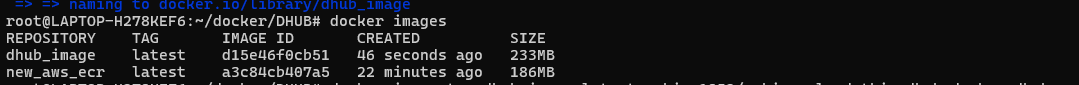


3. \*\*Build Custom Images:\*\*

   - Utilize the docker build command to build the custom images.  
   - List all available images using docker images.



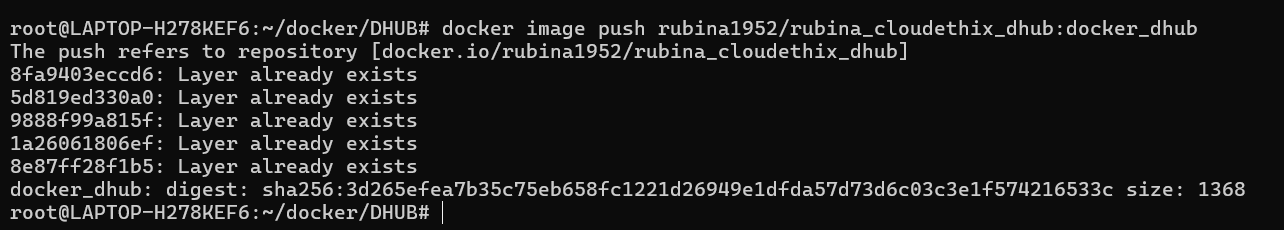


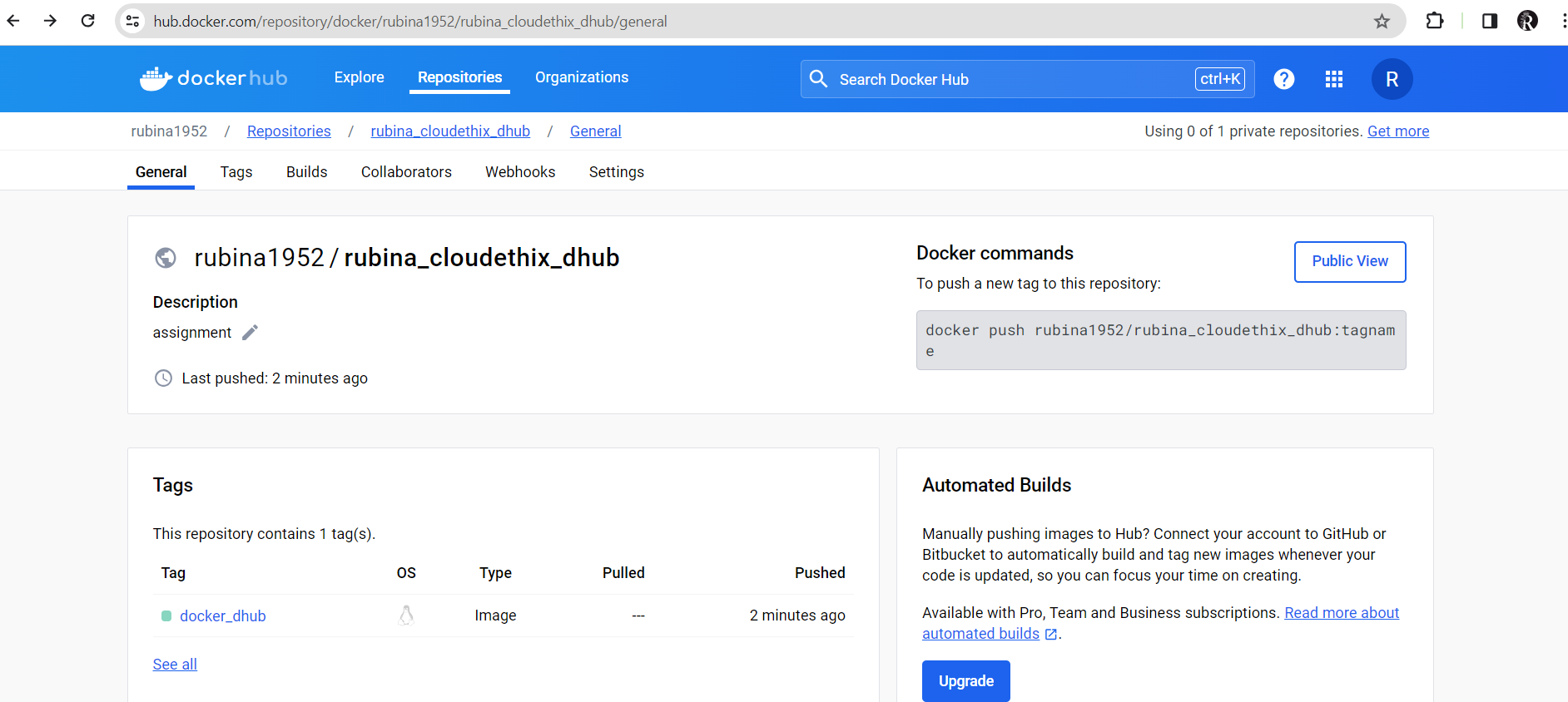


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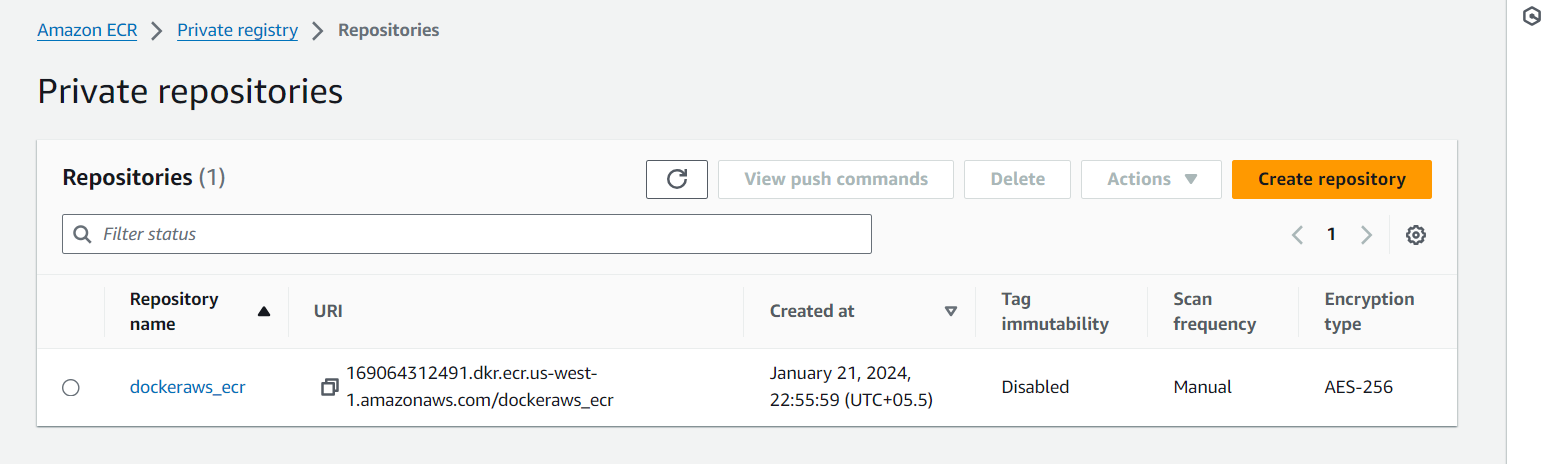
4. \*\*Push Images to Repositories:\*\*

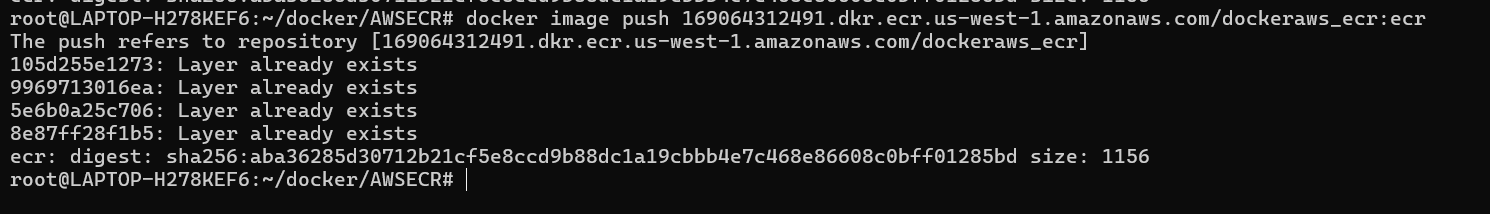
   - Push the Docker image to Docker Hub.  
   - Push the Docker image to AWS ECR.

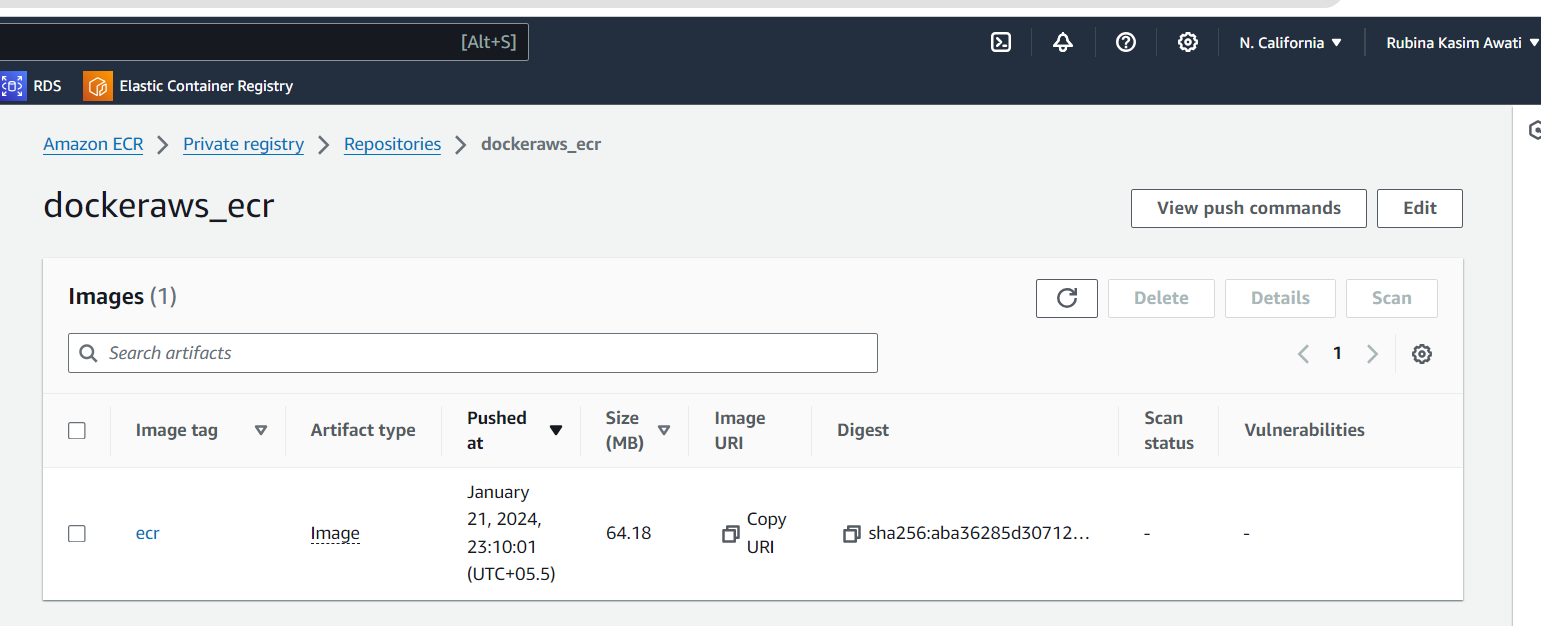


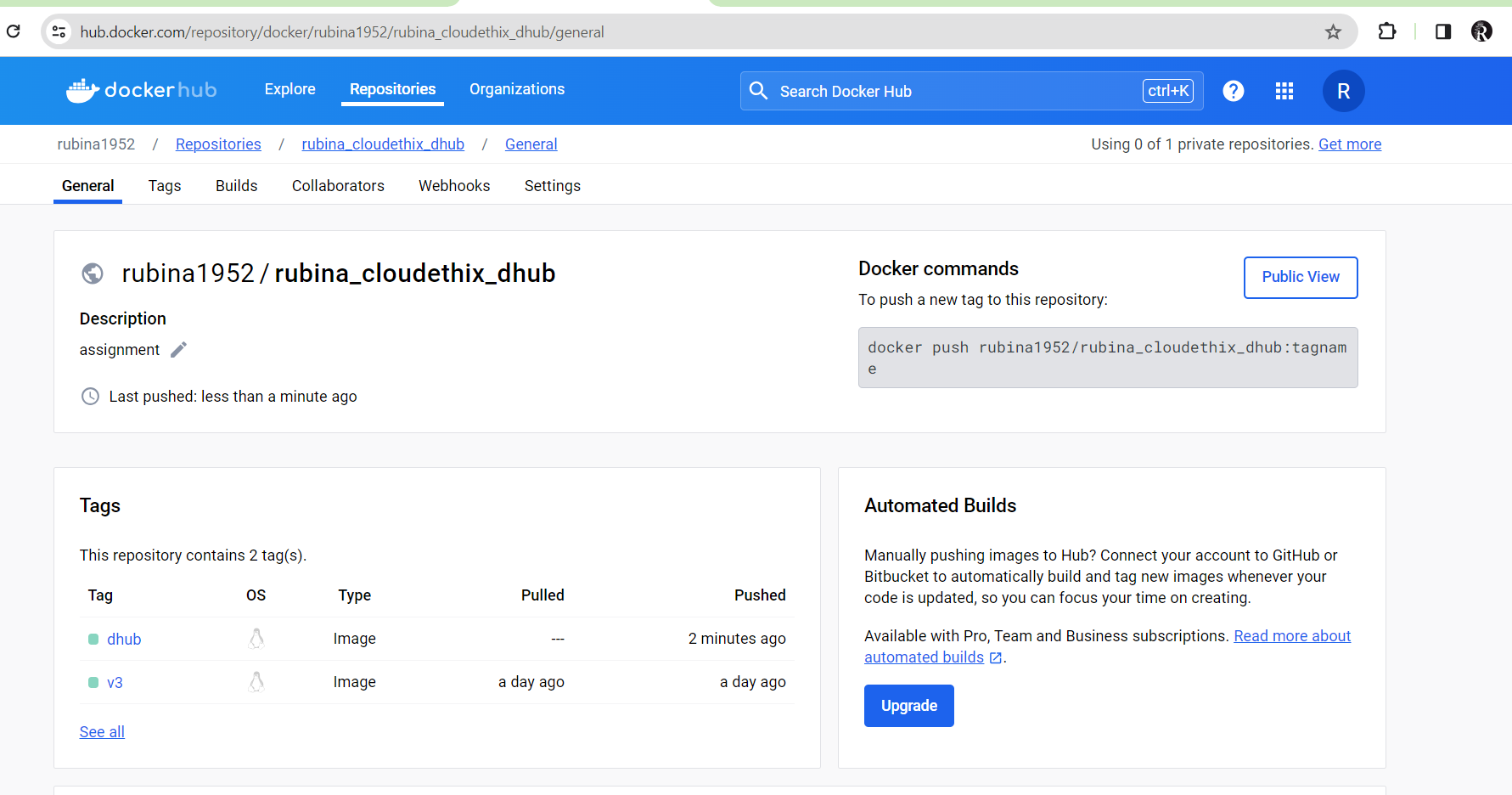


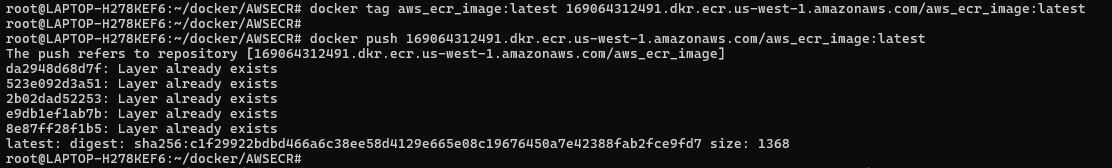


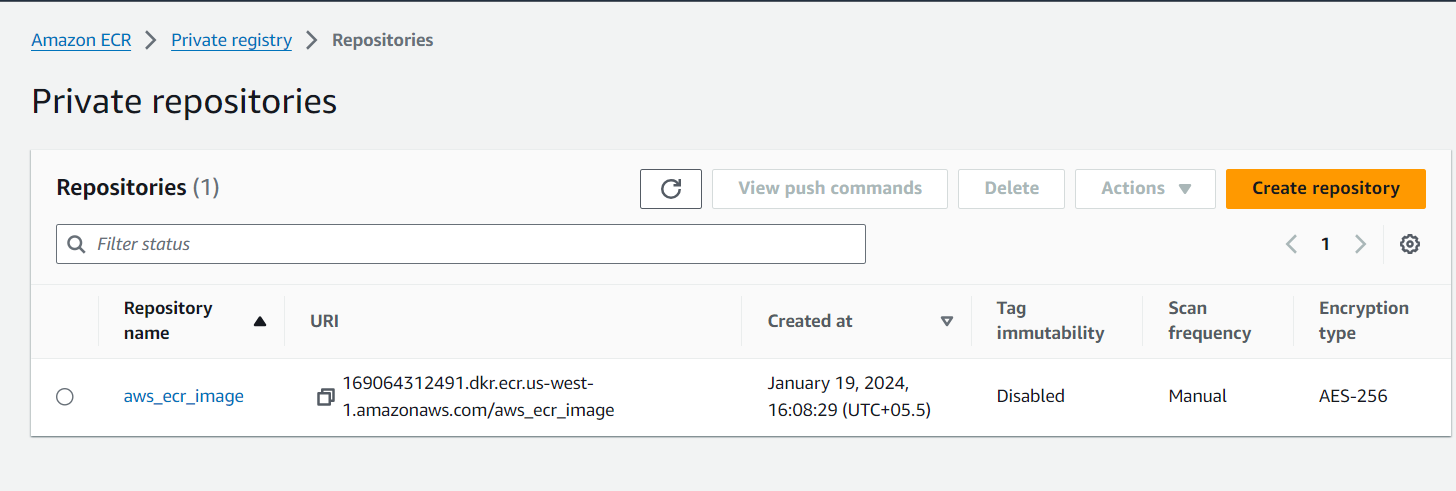


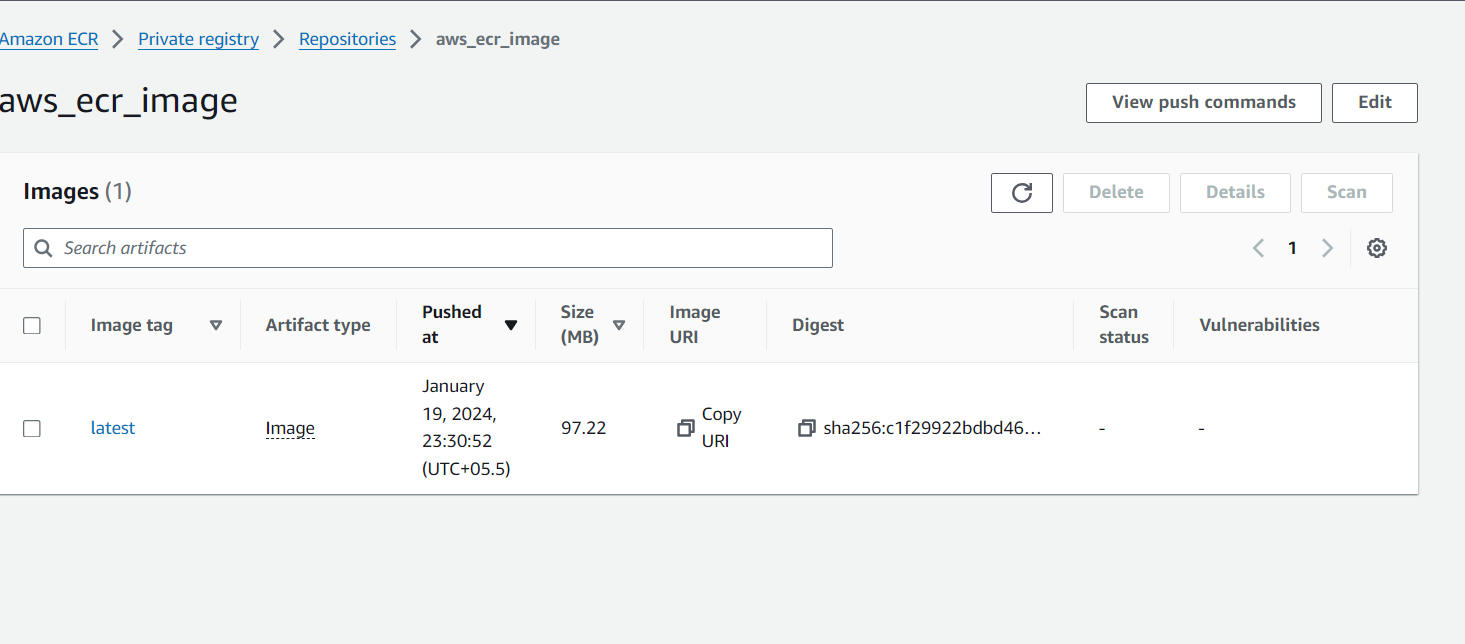




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5. \*\*Run Containers:\*\*

   - Execute a container from the Docker Hub image, naming it "I\_AM\_FROM\_DHUB," and mapping host port 8081 to the container.

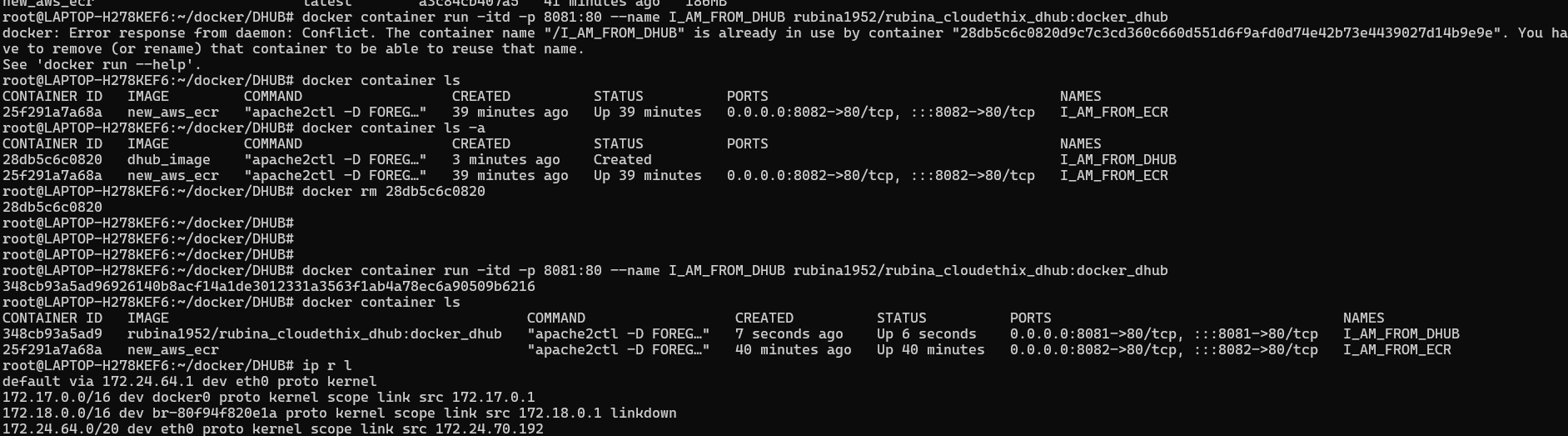
   ```  
   docker run -d -p 8081:80 --name I\_AM\_FROM\_DHUB your\_docker\_hub\_image

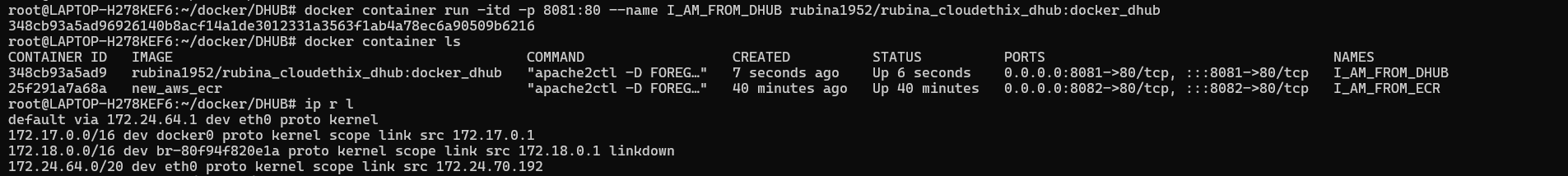
# - Execute a container from the AWS ECR image, naming it "I\_AM\_FROM\_ECR," and mapping host port 8082 to the container.

# 

# ```    docker run -d -p 8082:80 --name I\_AM\_FROM\_ECR your\_aws\_ecr\_image

   ```





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# 6. \*\*Access Pages from Browser:\*\*

# - Open a web browser and access the pages:      - For Docker Hub: <http://localhost:8081>      - For AWS ECR: <http://localhost:8082>

# 