Here is DOCKER Hands on Lab 06.

Task List: Docker Image Creation and Deployment

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

SOLUTION:-

```
root@DESKTOP-VIDGD8F:DOCKER# mkdir DHUB
root@DESKTOP-VIDGD8F:DOCKER# mkdir AWSECR
root@DESKTOP-VIDGD8F:DOCKER# ll
total 114224
drwxrwxrwx 1 saniya saniya       512 Jan 18 14:51  .
drwxrwxrwx 1 saniya saniya       512 Jan 17 13:21  ..
drwxrwxrwx 1 saniya saniya       512 Jan 18 13:29  .git
drwxrwxrwx 1 saniya saniya       512 Jan 18 14:51  AWSECR
drwxrwxrwx 1 saniya saniya       512 Jan 18 14:51  DHUB
drwxrwxrwx 1 saniya saniya       512 Jan 18 12:30  Docker-repo
-rwxrwxrwx 1 saniya saniya    806442 Jan  9 15:06  Docker_Assignment_no1.pdf
-rwxrwxrwx 1 saniya saniya   3256846 Jan 10 15:24  Docker_Assignment_no_2.pdf
-rwxrwxrwx 1 saniya saniya     11349 Jan 11 12:04  Docker_Assignment_no_3.docx
-rwxrwxrwx 1 saniya saniya     15891 Jan 11 15:49  Docker_Assignment_no_3.txt
-rwxrwxrwx 1 saniya saniya    732532 Jan 17 11:00  Docker_Assignment_no_4.docx
-rwxrwxrwx 1 saniya saniya    895268 Jan 17 11:00  Docker_Assignment_no_4.pdf
-rwxrwxrwx 1 saniya saniya   3194164 Jan 18 13:28  Docker_Assignment_no_5.docx
-rwxrwxrwx 1 saniya saniya   3832653 Jan 18 13:28  Docker_Assignment_no_5.pdf
-rwxrwxrwx 1 saniya saniya     12767 Jan 18 14:48  Docker_Assignment_no_6.docx
-rwxrwxrwx 1 saniya saniya       123 Jan 18 12:46  Dockerfile
-rwxrwxrwx 1 saniya saniya        36 Jan 12 12:27 'docker hub password .txt'
-rwxrwxrwx 1 saniya saniya 104193512 Nov 16 15:37  draw.io-22.1.2-windows-installer.jpg.exe
-rwxrwxrwx 1 saniya saniya       162 Jan 18 14:48 '~$cker_Assignment_no_6.docx'
root@DESKTOP-VIDGD8F:DOCKER# 
```

2. **Dockerfile Creation:**
   - Develop two Dockerfiles 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.

SOLUTION:-

```
root@DESKTOP-VIDGD8F:DHUB# ll
total 0
drwxrwxrwx 1 saniya saniya 512 Jan 18 14:51 .
drwxrwxrwx 1 saniya saniya 512 Jan 18 14:51 ..
root@DESKTOP-VIDGD8F:DHUB# vim Dockerfile
```

```
root@DESKTOP-VIDGD8F:DHUB# ll
total 8
drwxrwxrwx 1 saniya saniya  512 Jan 18 17:25 .
drwxrwxrwx 1 saniya saniya  512 Jan 18 15:58 ..
-rwxrwxrwx 1 saniya saniya  213 Jan 18 17:25 Dockerfile
-rwxrwxrwx 1 saniya saniya 7243 Jan 18 17:06 apache2.conf
-rwxrwxrwx 1 saniya saniya   21 Jan 18 17:04 index.html
root@DESKTOP-VIDGD8F:DHUB#
```

```
root@DESKTOP-VIDGD8F:DHUB# cat Dockerfile
FROM ubuntu:latest
RUN apt update
RUN apt install apache2 -y
COPY index.html /var/www/html/index.html
COPY apache2.conf /etc/apache2/apache2.conf
ENV ENV_NAME=DHUB
EXPOSE 80
CMD ["apache2ctl", "-D", "FOREGROUND"]
root@DESKTOP-VIDGD8F:DHUB#
```

```
root@DESKTOP-VIDGD8F:AWSECR# ll
total 8
drwxrwxrwx 1 saniya saniya  512 Jan 18 18:57 .
drwxrwxrwx 1 saniya saniya  512 Jan 18 15:58 ..
-rwxrwxrwx 1 saniya saniya  186 Jan 18 16:44 Dockerfile
-rwxrwxrwx 1 saniya saniya 7243 Jan 18 18:57 apache2.conf
-rwxrwxrwx 1 saniya saniya   14 Jan 18 18:56 index.html
```

```
root@DESKTOP-VIDGD8F:DHUB# cat ../AWSECR/Dockerfile
FROM ubuntu:latest
RUN apt update
RUN apt install apache2 -y
RUN echo "I am from ECR" > /var/www/html/index.html
ENV ENV_NAME=AWSECR
ENTRYPOINT ["service", "apache2", "start"]
EXPOSE 80
root@DESKTOP-VIDGD8F:DHUB#
```

3. **Build Custom Images:**
   - Utilize the docker build command to build the custom images.
   - List all available images using docker images.

SOLUTION:-

```
root@DESKTOP-VIDGD8F:DHUB# docker image build -t custom:DHUB .
[+] Building 0.1s (10/10) FINISHED                                           docker:default
 => [internal] load .dockerignore                                                   0.0s
 => => transferring context: 2B                                                     0.0s
 => [internal] load build definition from Dockerfile                                0.0s
 => => transferring dockerfile: 252B                                                0.0s
 => [internal] load metadata for docker.io/library/ubuntu:latest                    0.0s
 => [1/5] FROM docker.io/library/ubuntu:latest                                      0.0s
 => [internal] load build context                                                   0.0s
 => => transferring context: 63B                                                    0.0s
 => CACHED [2/5] RUN apt update                                                     0.0s
 => CACHED [3/5] RUN apt install apache2 -y                                         0.0s
 => CACHED [4/5] COPY index.html /var/www/html/index.html                           0.0s
 => CACHED [5/5] COPY apache2.conf /etc/apache2/apache2.conf                         0.0s
 => exporting to image                                                              0.0s
 => => exporting layers                                                             0.0s
 => => writing image sha256:6b2326aff6107f5f93b9469f4ec9124989d6a0110b0fb784728cdcf19d6223b9   0.0s
 => => naming to docker.io/library/custom:DHUB                                      0.0s
```

```
root@DESKTOP-VIDGD8F:DHUB# docker images
REPOSITORY                            TAG                   IMAGE ID       CREATED         SIZE
custom                                DHUB                  5602c487eae3   3 minutes ago   233MB
custom                                v1                    b2832fb1d7fb   2 hours ago     261MB
image_nginx_cont                      latest                da8eb5c05b32   3 hours ago     185MB
sanu28221/saniya_cloudethix_busybox   nginx_cont_image_v1   da8eb5c05b32   3 hours ago     185MB
redis_v3                              latest                67a102f3406b   3 hours ago     142MB
redis_v1                              latest                eb3a8f5231f2   3 hours ago     142MB
nginx                                 v1                    7812e3a95a12   4 hours ago     187MB
sanu28221/saniya_cloudethix_nginx     version1              7812e3a95a12   4 hours ago     187MB
busybox                               latest                9211bbaa0dbd   4 weeks ago     4.26MB
sanu28221/saniya_cloudethix_busybox   version1              9211bbaa0dbd   4 weeks ago     4.26MB
ubuntu                                latest                174c8c134b2a   5 weeks ago     77.9MB
nginx                                 latest                a8758716bb6a   2 months ago    187MB
httpd                                 latest                6fd77d7e5eb7   3 months ago    167MB
root@DESKTOP-VIDGD8F:DHUB#
```

```
root@DESKTOP-VIDGD8F:AWSECR# docker image build -t custom:AWSECR .
[+] Building 0.5s (10/10) FINISHED                                           docker:default
 => [internal] load .dockerignore                                                   0.0s
 => => transferring context: 2B                                                     0.0s
 => [internal] load build definition from Dockerfile                                0.0s
 => => transferring dockerfile: 252B                                                0.0s
 => [internal] load metadata for docker.io/library/ubuntu:latest                    0.1s
 => [1/5] FROM docker.io/library/ubuntu:latest                                      0.1s
 => [internal] load build context                                                   0.0s
 => => transferring context: 7.94kB                                                 0.0s
 => CACHED [2/5] RUN apt update                                                     0.0s
 => CACHED [3/5] RUN apt install apache2 -y                                         0.0s
 => [4/5] COPY index.html /var/www/html/index.html                                  0.1s
 => [5/5] COPY apache2.conf /etc/apache2/apache2.conf                               0.1s
 => exporting to image                                                              0.1s
 => => exporting layers                                                             0.1s
 => => writing image sha256:b66bf7ffca0ec0a1208146fa47807bcac3fa1aafa0d3cbe0826dc2a0e61c5c4132f   0.0s
 => => naming to docker.io/library/custom:AWSECR                                    0.0s
root@DESKTOP-VIDGD8F:AWSECR#
```

```
root@DESKTOP-VIDGD8F:AWSECR# docker images
REPOSITORY                            TAG                   IMAGE ID       CREATED         SIZE
custom                                AWSECR                b9fff863f9b3   7 seconds ago   233MB
custom                                DHUB                  5602c487eae3   5 minutes ago   233MB
custom                                v1                    b2832fb1d7fb   3 hours ago     261MB
image_nginx_cont                      latest                da8eb5c05b32   3 hours ago     185MB
sanu28221/saniya_cloudethix_busybox   nginx_cont_image_v1   da8eb5c05b32   3 hours ago     185MB
redis_v3                              latest                67a102f3406b   3 hours ago     142MB
redis_v1                              latest                eb3a8f5231f2   3 hours ago     142MB
nginx                                 v1                    7812e3a95a12   4 hours ago     187MB
sanu28221/saniya_cloudethix_nginx     version1              7812e3a95a12   4 hours ago     187MB
busybox                               latest                9211bbaa0dbd   4 weeks ago     4.26MB
sanu28221/saniya_cloudethix_busybox   version1              9211bbaa0dbd   4 weeks ago     4.26MB
ubuntu                                latest                174c8c134b2a   5 weeks ago     77.9MB
nginx                                 latest                a8758716bb6a   2 months ago    187MB
httpd                                 latest                6fd77d7e5eb7   3 months ago    167MB
root@DESKTOP-VIDGD8F:AWSECR#
```

4. **Push Images to Repositories:**
   - Push the Docker image to Docker Hub.
   - Push the Docker image to AWS ECR.

SOLUTION:-
Push the Docker image to Docker Hub

```
root@DESKTOP-VIDGD8F:DHUB# docker login
Authenticating with existing credentials...
Login did not succeed, error: Error response from daemon: Get "https://registry-1.docker.io/v2/": net/http: request canceled while waiting for connection (C
lient.Timeout exceeded while awaiting headers)
Log in with your Docker ID or email address to push and pull images from Docker Hub. If you don't have a Docker ID, head over to https://hub.docker.com/ to
create one.
You can log in with your password or a Personal Access Token (PAT). Using a limited-scope PAT grants better security and is required for organizations using
 SSO. Learn more at https://docs.docker.com/go/access-tokens/

Username (sanu28221):
Password:
WARNING! Your password will be stored unencrypted in /root/.docker/config.json.
Configure a credential helper to remove this warning. See
https://docs.docker.com/engine/reference/commandline/login/#credentials-store

Login Succeeded
```

```
root@DESKTOP-VIDGD8F:DHUB# docker images
REPOSITORY                           TAG                      IMAGE ID        CREATED          SIZE
custom                               AWSECR                   b9fff863f9b3    4 minutes ago    233MB
custom                               DHUB                     5602c487eae3    9 minutes ago    233MB
custom                               v1                       b2832fb1d7fb    3 hours ago      261MB
image_nginx_cont                     latest                   da8eb5c05b32    3 hours ago      185MB
sanu28221/saniya_cloudethix_busybox  nginx_cont_image_v1      da8eb5c05b32    3 hours ago      185MB
redis_v3                             latest                   67a102f3406b    3 hours ago      142MB
redis_v1                             latest                   eb3a8f5231f2    3 hours ago      142MB
nginx                                v1                       7812e3a95a12    4 hours ago      187MB
sanu28221/saniya_cloudethix_nginx    version1                 7812e3a95a12    4 hours ago      187MB
busybox                              latest                   9211bbaa0dbd    4 weeks ago      4.26MB
sanu28221/saniya_cloudethix_busybox  version1                 9211bbaa0dbd    4 weeks ago      4.26MB
ubuntu                               latest                   174c8c134b2a    5 weeks ago      77.9MB
nginx                                latest                   a8758716bb6a    2 months ago     187MB
httpd                                latest                   6fd77d7e5eb7    3 months ago     167MB
root@DESKTOP-VIDGD8F:DHUB# docker image tag custom:DHUB sanu28221/saniya_cloudethix_docker_repo:custome_DHUB_image
```

```
root@DESKTOP-VIDGD8F:DHUB# docker images
REPOSITORY                               TAG                  IMAGE ID        CREATED          SIZE
custom                                   AWSECR               b9fff863f9b3    9 minutes ago    233MB
custom                                   DHUB                 5602c487eae3    14 minutes ago   233MB
sanu28221/saniya_cloudethix_docker_repo  custome_DHUB_image   5602c487eae3    14 minutes ago   233MB
custom                                   v1                   b2832fb1d7fb    3 hours ago      261MB
sanu28221/saniya_cloudethix_busybox      nginx_cont_image_v1  da8eb5c05b32    3 hours ago      185MB
image_nginx_cont                         latest               da8eb5c05b32    3 hours ago      185MB
redis_v3                                 latest               67a102f3406b    3 hours ago      142MB
redis_v1                                 latest               eb3a8f5231f2    3 hours ago      142MB
nginx                                    v1                   7812e3a95a12    4 hours ago      187MB
sanu28221/saniya_cloudethix_nginx        version1             7812e3a95a12    4 hours ago      187MB
busybox                                  latest               9211bbaa0dbd    4 weeks ago      4.26MB
sanu28221/saniya_cloudethix_busybox      version1             9211bbaa0dbd    4 weeks ago      4.26MB
ubuntu                                   latest               174c8c134b2a    5 weeks ago      77.9MB
nginx                                    latest               a8758716bb6a    2 months ago     187MB
httpd                                    latest               6fd77d7e5eb7    3 months ago     167MB
root@DESKTOP-VIDGD8F:DHUB#
```

```
root@DESKTOP-VIDGD8F:DHUB# docker image push sanu28221/saniya_cloudethix_docker_repo:custome_DHUB_image
The push refers to repository [docker.io/sanu28221/saniya_cloudethix_docker_repo]
7badf6be9ef3: Pushed
c64e567ec026: Pushed
6557a881c01d: Pushed
a1360aae5271: Mounted from library/ubuntu
custome_DHUB_image: digest: sha256:b0f98b5bc70daaeb6b8ee7bcda4ac2af93a614e9d687aa6e944b46ab666e7db0 size: 1160
```

🌐 sanu28221 / saniya_cloudethix_docker_repo

Description

This repository does not have a description ✏️

🕔 Last pushed: 7 minutes ago

Tags

This repository contains 1 tag(s).

Tag	OS	Type	Pulled	Pushed
● custome_DHUB_image	🐧	Image	---	7 minutes ago

Push the Docker image to AWS ECR.

Amazon ECR > Private registry > Repositories

Private repositories

Repositories (1)   ↻   View push commands   Delete   Actions ▼   **Create repository**

🔍 Filter status   < 1 > ⚙

	Repository name ▲	URI	Created at ▽	Tag immutability	Scan frequency	Encryption type
○	docker-repo	255851499496.dkr.ecr.ap-south-1.amazonaws.com/docker-repo	January 18, 2024, 15:30:29 (UTC+05.5)	Disabled	Manual	AES-256

Push commands for docker-repo ✕

macOS / Linux   Windows

Make sure that you have the latest version of the AWS CLI and Docker installed. For more information, see Getting Started with Amazon ECR ↗.

Use the following steps to authenticate and push an image to your repository. For additional registry authentication methods, including the Amazon ECR credential helper, see Registry Authentication ↗.

1. Retrieve an authentication token and authenticate your Docker client to your registry.
   Use the AWS CLI:

   ```
   aws ecr get-login-password --region ap-south-1 | docker login --username AWS --password-stdin 255851499496.dkr.ecr.ap-south-1.amazonaws.com
   ```

   Note: If you receive an error using the AWS CLI, make sure that you have the latest version of the AWS CLI and Docker installed.

2. Build your Docker image using the following command. For information on building a Docker file from scratch see the instructions here ↗. You can skip this step if your image is already built:

   ```
   docker build -t docker-repo .
   ```

3. After the build completes, tag your image so you can push the image to this repository:

   ```
   docker tag docker-repo:latest 255851499496.dkr.ecr.ap-south-1.amazonaws.com/docker-repo:latest
   ```

4. Run the following command to push this image to your newly created AWS repository:

   ```
   docker push 255851499496.dkr.ecr.ap-south-1.amazonaws.com/docker-repo:latest
   ```

     Close

```
root@DESKTOP-VIDGD8F:AWSECR# ll
total 0
drwxrwxrwx 1 saniya saniya 512 Jan 18 15:18
drwxrwxrwx 1 saniya saniya 512 Jan 18 15:28
-rwxrwxrwx 1 saniya saniya 184 Jan 18 15:18 Dockerfile
root@DESKTOP-VIDGD8F:AWSECR# aws ecr get-login-password --region ap-south-1 | docker login --username AWS --password-stdin 255851499496.dkr.ecr.ap-south-1.a
mazonaws.com
WARNING! Your password will be stored unencrypted in /root/.docker/config.json.
Configure a credential helper to remove this warning. See
https://docs.docker.com/engine/reference/commandline/login/#credentials-store

Login Succeeded
```

```
root@DESKTOP-VIDGD8F:AWSECR# docker tag custom:AWSECR 255851499496.dkr.ecr.ap-south-1.amazonaws.com/docker-repo:latest
root@DESKTOP-VIDGD8F:AWSECR# docker images
REPOSITORY                                              TAG                  IMAGE ID       CREATED          SIZE
255851499496.dkr.ecr.ap-south-1.amazonaws.com/docker-repo   latest           b9fff863f9b3   15 minutes ago   233MB
custom                                                  AWSECR               b9fff863f9b3   15 minutes ago   233MB
custom                                                  DHUB                 5602c487eae3   20 minutes ago   233MB
sanu28221/saniya_cloudethix_docker_repo                 custome_DHUB_image   5602c487eae3   20 minutes ago   233MB
custom                                                  v1                   b2832fb1d7fb   3 hours ago      261MB
image_nginx_cont                                        latest               da8eb5c05b32   3 hours ago      185MB
sanu28221/saniya_cloudethix_busybox                     nginx_cont_image_v1  da8eb5c05b32   3 hours ago      185MB
redis_v3                                                latest               67a102f3406b   3 hours ago      142MB
redis_v1                                                latest               eb3a8f5231f2   3 hours ago      142MB
nginx                                                   v1                   7812e3a95a12   4 hours ago      187MB
sanu28221/saniya_cloudethix_nginx                       version1             7812e3a95a12   4 hours ago      187MB
busybox                                                 latest               9211bbaa0dbd   4 weeks ago      4.26MB
sanu28221/saniya_cloudethix_busybox                     version1             9211bbaa0dbd   4 weeks ago      4.26MB
ubuntu                                                  latest               174c8c134b2a   5 weeks ago      77.9MB
nginx                                                   latest               a8758716bb6a   2 months ago     187MB
httpd                                                   latest               6fd77d7e5eb7   3 months ago     167MB
```

```
root@DESKTOP-VIDGD8F:AWSECR# docker push 255851499496.dkr.ecr.ap-south-1.amazonaws.com/docker-repo:latest
The push refers to repository [255851499496.dkr.ecr.ap-south-1.amazonaws.com/docker-repo]
7b57e2c8be5b: Pushed
c64e567ec026: Pushed
6557a881c01d: Pushed
a1360aae5271: Pushed
latest: digest: sha256:be521bc2affb4d0cce4d4ac588396e890140786e6a2ebaec2b3ae7656bd5f071 size: 1160
root@DESKTOP-VIDGD8F:AWSECR#
```

Amazon ECR > Private registry > Repositories > docker-repo

docker-repo

[View push commands]   [Edit]

Images (1)

🔍 Search artifacts

	Image tag ▽	Artifact type	Pushed at ▽	Size (MB) ▽	Image URI	Digest	Scan status	Vulnerabilities
☐	latest	Image	January 18, 2024, 19:29:13 (UTC+05.5)	97.21	📋 Copy URI	🔒 sha256:8d2529ccd9bfdd...	-	-

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
   ```

SOLUTION:-

```
root@DESKTOP-VIDGD8F:AWSECR# docker run -itd -p 8081:80 --name I_AM_FROM_DHUB sanu28221/saniya_cloudethix_docker_repo:custome_DHUB_ima
ge
92d3d51792504a59356648c34546d4bd47451e01832fc278f7f002975a649841
root@DESKTOP-VIDGD8F:AWSECR# docker container ls -a
CONTAINER ID   IMAGE                                                          COMMAND             CREATED          STATUS
PORTS                                           NAMES
92d3d5179250   sanu28221/saniya_cloudethix_docker_repo:custome_DHUB_image    "apache2ctl -D FOREG…"  18 seconds ago   Up 17 seconds
0.0.0.0:8081->80/tcp, :::8081->80/tcp   I_AM_FROM_DHUB
1127328469eb   ubuntu:latest                                                  "/bin/bash"         2 hours ago      Up 2 hours
                                        agitated_knuth
2e6cb9e0ab0a   nginx:v1                                                       "/docker-entrypoint.…"  8 hours ago      Up 8 hours
0.0.0.0:8383->80/tcp, :::8383->80/tcp   nginx-cont-v1
0698367cb037   httpd                                                          "sleep 10"          7 days ago       Up 10 seconds
80/tcp                                          httpd_cont_3
root@DESKTOP-VIDGD8F:AWSECR#
root@DESKTOP-VIDGD8F:AWSECR#
```

```
root@DESKTOP-VIDGD8F:AWSECR# docker container run -itd -p 8082:80 --name I_AM_FROM_ECR 255851499496.dkr.ecr.ap-south-1.amazonaws.com/docker-repo:latest
aed6f395251d4547afe8778cf7ec1b5a637cd8aec8ab50fa9a0949486620bff9
root@DESKTOP-VIDGD8F:AWSECR#
root@DESKTOP-VIDGD8F:AWSECR# docker container ls
CONTAINER ID   IMAGE                                                          COMMAND             CREATED         STATUS         PORTS
       NAMES
aed6f395251d   255851499496.dkr.ecr.ap-south-1.amazonaws.com/docker-repo:latest  "apache2ctl -D FOREG…"  4 seconds ago   Up 3 seconds   0.0.0.0:8082->80/tcp, :::8082-
>80/tcp   I_AM_FROM_ECR
92d3d5179250   sanu28221/saniya_cloudethix_docker_repo:custome_DHUB_image    "apache2ctl -D FOREG…"  20 minutes ago  Up 20 minutes  0.0.0.0:8081->80/tcp, :::8081-
>80/tcp   I_AM_FROM_DHUB
1127328469eb   ubuntu:latest                                                  "/bin/bash"         3 hours ago     Up 3 hours
       agitated_knuth
2e6cb9e0ab0a   nginx:v1                                                       "/docker-entrypoint.…"  8 hours ago     Up 8 hours     0.0.0.0:8383->80/tcp, :::8383-
>80/tcp   nginx-cont-v1
0698367cb037   httpd                                                          "sleep 10"          7 days ago      Up 3 seconds   80/tcp
       httpd_cont_3
root@DESKTOP-VIDGD8F:AWSECR#
```

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

SOLUTION:-

I am from Docker Hub

I am from ECR

This task list guides you through the process of creating custom Docker images, pushing them to Docker Hub and AWS ECR, running containers, and accessing the pages from a browser.