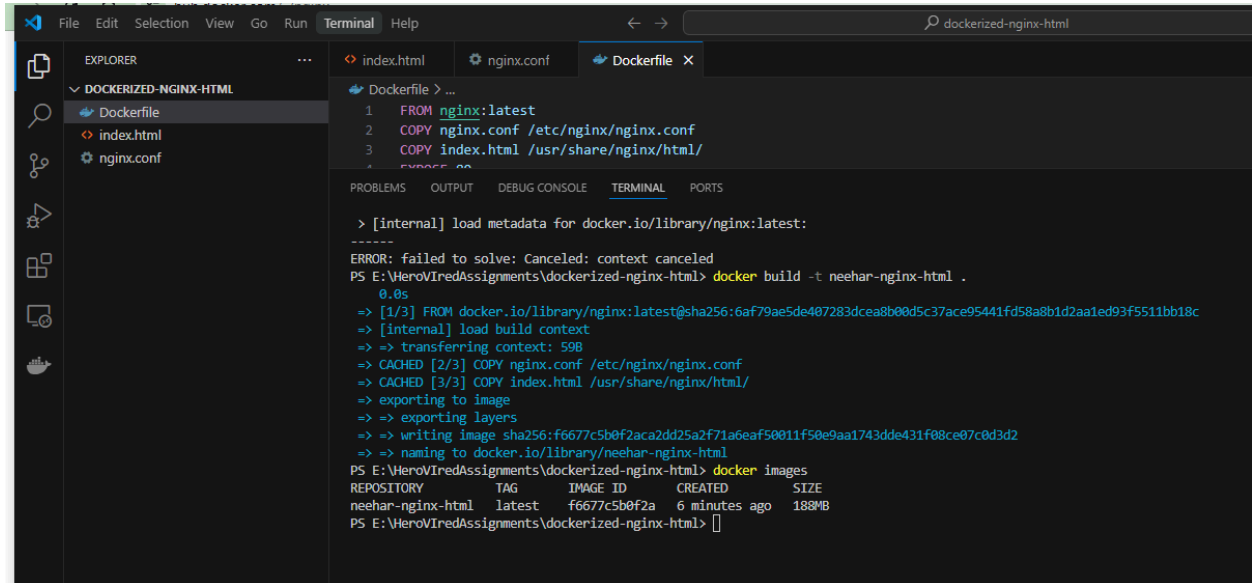


Graded Assignment on Dockerizing a Plain HTML Page With Nginx

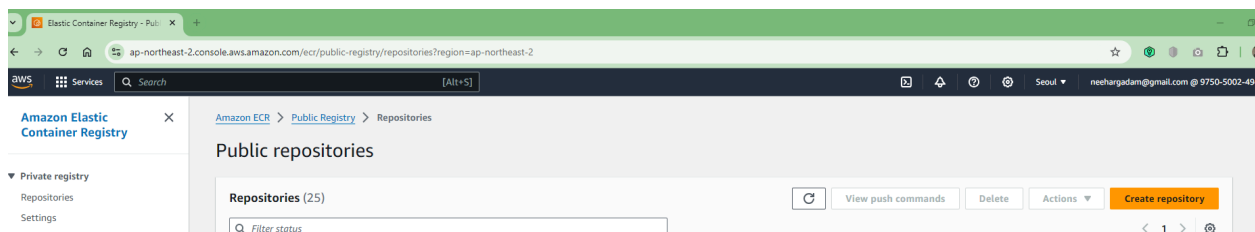


The screenshot shows a Visual Studio Code editor with a file explorer on the left displaying a project named 'DOCKERIZED-NGINX-HTML' containing 'Dockerfile', 'index.html', and 'nginx.conf'. The main editor shows the 'Dockerfile' with the following content:

```
1 FROM nginx:latest
2 COPY nginx.conf /etc/nginx/nginx.conf
3 COPY index.html /usr/share/nginx/html/
```

The terminal at the bottom shows the output of the 'docker build' command:

```
> [internal] load metadata for docker.io/library/nginx:latest:
-----
ERROR: failed to solve: Canceled: context canceled
PS E:\HeroViredAssignments\dockerized-nginx-html> docker build -t neehar-nginx-html .
0.0s
=> [1/3] FROM docker.io/library/nginx:latest@sha256:6af79ae5de407283dcea8b00d5c37ace95441fd58a8b1d2aa1ed93f5511bb18c
=> [internal] load build context
=> => transferring context: 59B
=> CACHED [2/3] COPY nginx.conf /etc/nginx/nginx.conf
=> CACHED [3/3] COPY index.html /usr/share/nginx/html/
=> exporting to image
=> => exporting layers
=> => writing image sha256:f6677c5b0f2aca2dd25a2f71a6eaf50811f50e9aa1743dde431f88ce07c0d3d2
=> => naming to docker.io/library/neehar-nginx-html
PS E:\HeroViredAssignments\dockerized-nginx-html> docker images
REPOSITORY          TAG         IMAGE ID      CREATED      SIZE
neehar-nginx-html   latest      f6677c5b0f2a  6 minutes ago 188MB
PS E:\HeroViredAssignments\dockerized-nginx-html>
```



Elastic Container Registry - Create repository

ap-northeast-2.console.aws.amazon.com/ecr/create-repository?publicRepoCreate=true®ion=ap-northeast-2

aws Services Search [Alt+S]

Amazon ECR > Private registry > Repositories > Create repository

Create repository

General settings

Visibility settings Info

Choose the visibility setting for the repository.

☐ Private

Access is managed by IAM and repository policy permissions.

☒ Public

Publicly visible and accessible for image pulls.

Once a repository is created, the visibility setting of the repository can't be changed.

Detail

Repository name Info

A namespace can be included with your repository name (e.g. namespace/repo-name).

public.ecr.aws/f8g8h5d4/

22 out of 205 characters maximum (2 minimum). The name must start with a letter and can only contain lowercase letters, numbers, hyphens, underscores, periods and forward slashes.

Info

A default alias is associated with your public registry once your first public repository is created. The registry alias is displayed as a prefix to the repository name in the repository URI. A custom alias can be requested on the Registry settings page.

Repository logo - optional Info

Choose a local image file to use as the repository logo.

Reset

The supported file format is PNG. The supported image dimensions for both height and width should be a minimum of 60 pixels and a

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Private repositories

Repositories (1)

Filter status

View push commands

Delete

Actions

Create repository

	Repository name	URI	Created at	Tag immutability	Scan frequency	Encryption type
	neehar-nginx-html-repo	975050024946.dkr.ecr.ap-northeast-2.amazonaws.com/neehar-nginx-html-repo	August 03, 2024, 21:22:38 (UTC+05.5)	Disabled	Manual	AES-256

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Image scan overview, status, and full vulnerabilities has moved to the image detail page. To access, click an image tag.

Amazon ECR > Private registry > Repositories > neehar-nginx-html-repo

neehar-nginx-html-repo

View push commands

Images (1)

Search artifacts

Delete

Details

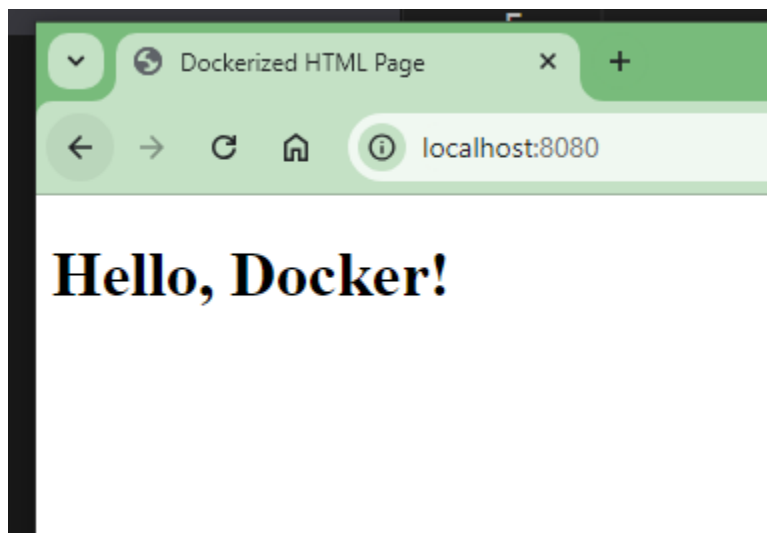
Scan

	Image tag	Artifact type	Pushed at	Size (MB)	Image URI	Digest
	latest	Image	August 03, 2024, 21:24:21 (UTC+05.5)	70.97	Copy URI	sha256:3ebda3696805aa3463132343dc17f...

```
E:\HeroViredAssignments\dockerized-nginx-html>aws ecr describe-repositories --region ap-northeast-2
{
  "repositories": [
    {
      "repositoryArn": "arn:aws:ecr:ap-northeast-2:975050024946:repository/nee-har-nginx-html-repo",
      "registryId": "975050024946",
      "repositoryName": "nee-har-nginx-html-repo",
      "repositoryUri": "975050024946.dkr.ecr.ap-northeast-2.amazonaws.com/nee-har-nginx-html-repo",
      "createdAt": "2024-08-03T21:22:38.279000+05:30",
      "imageTagMutability": "MUTABLE",
      "imageScanningConfiguration": {
        "scanOnPush": false
      },
      "encryptionConfiguration": {
        "encryptionType": "AES256"
      }
    }
  ]
}
```

E:\HeroViredAssignments\dockerized-nginx-html>

```
E:\HeroViredAssignments\dockerized-nginx-html>
E:\HeroViredAssignments\dockerized-nginx-html>docker run -p 8080:80 nee-har-nginx-html
/docker-entrypoint.sh: /docker-entrypoint.d/ is not empty, will attempt to perform configuration
/docker-entrypoint.sh: Looking for shell scripts in /docker-entrypoint.d/
/docker-entrypoint.sh: Launching /docker-entrypoint.d/10-listen-on-ipv6-by-default.sh
10-listen-on-ipv6-by-default.sh: info: Getting the checksum of /etc/nginx/conf.d/default.conf
10-listen-on-ipv6-by-default.sh: info: Enabled listen on IPv6 in /etc/nginx/conf.d/default.conf
/docker-entrypoint.sh: Sourcing /docker-entrypoint.d/15-local-resolvers.envsh
/docker-entrypoint.sh: Launching /docker-entrypoint.d/20-envsubst-on-templates.sh
/docker-entrypoint.sh: Launching /docker-entrypoint.d/30-tune-worker-processes.sh
/docker-entrypoint.sh: Configuration complete; ready for start up
```



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Amazon ECR > Private registry > Repositories > neehar-nginx-html-repo > sha256:24b53a0ef185ea3043828dbb0a58773f8bcd76f8f29ef22ee5ecd9987bd45633

Image

Details

Image tags

latest

URI

975050024946.dkr.ecr.ap-northeast-2.amazonaws.com/needhar-nginx-html-repo/latest

Digest

sha256:24b53a0ef185ea3043828dbb0a58773f8bcd76f8f29ef22ee5ecd9987bd45633

General information

Artifact type	Repository	Pushed at
Image	needhar-nginx-html-repo	August 03, 2024, 21:34:31 (UTC+05.5)
Size (MB)		
70.97		

Scanning and vulnerabilities

Scan

Status

Scan not found

Referrers

Info

Referrer digest	Type	Pushed at
No referers		