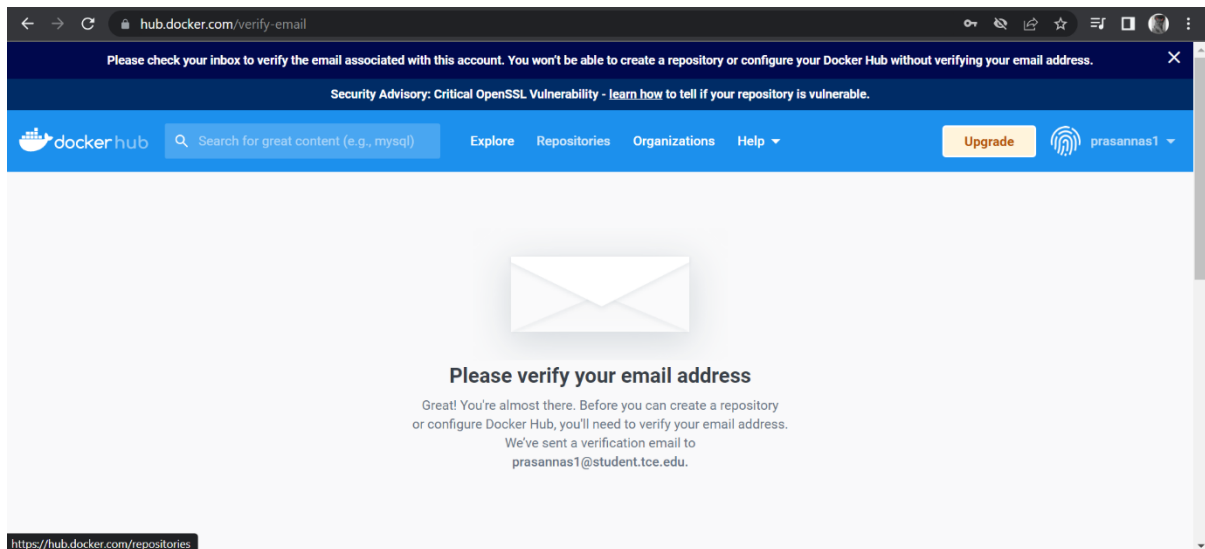# ASSIGNMENT – IV

Team ID	PNT2022TMID21590
Project Name	Plasma Donor Application

1. Pull an image from Docker Hub and run it on Docker playground

2. Create Docker file for Job Portal and deploy it on Desktop application

Docker Hub:

```
C:\WINDOWS\system32\cmd.exe                                                                    —  □  X
Microsoft Windows [Version 10.0.22623.870]
(c) Microsoft Corporation. All rights reserved.

C:\Users\PRASANNA PREZ>docker images
REPOSITORY          TAG      IMAGE ID      CREATED        SIZE
docker101tutorial   latest   48d58f810b00  3 minutes ago  28.9MB
alpine/git          latest   42a1cda0ba24  9 days ago     43.6MB

C:\Users\PRASANNA PREZ>docker login
Authenticating with existing credentials...
Login Succeeded

Logging in with your password grants your terminal complete access to your account.
For better security, log in with a limited-privilege personal access token. Learn more at https://docs.docker.com/go/access-tokens/

C:\Users\PRASANNA PREZ>_
```



```
C:\WINDOWS\system32\cmd.exe - docker  push prasannas1/docker101tutorial:latest                 —  □  X
enied

C:\Users\PRASANNA PREZ>docker login username=prasannas1
Username: prasannas1
Password:
Error response from daemon: Get "https://username=prasannas1/v2/": dialing username=prasannas1:443 no HTTPS proxy: resolving host username=prasannas1: lookup username=prasa
nnas1: no such host

C:\Users\PRASANNA PREZ>docker login username=prasannas1
Username: prasannas1
Password:
Error response from daemon: Get "https://username=prasannas1/v2/": dialing username=prasannas1:443 no HTTPS proxy: resolving host username=prasannas1: lookup username=prasa
nnas1: no such host

C:\Users\PRASANNA PREZ>docker login --username=prasannas1
Password:
Login Succeeded

Logging in with your password grants your terminal complete access to your account.
For better security, log in with a limited-privilege personal access token. Learn more at https://docs.docker.com/go/access-tokens/

C:\Users\PRASANNA PREZ>docker tag docker101tutorial:latest prasannas1/docker101tutorial

C:\Users\PRASANNA PREZ>docker images
REPOSITORY                      TAG      IMAGE ID      CREATED         SIZE
docker101tutorial               latest   48d58f810b00  31 minutes ago  28.9MB
prasannas1/docker101tutorial    latest   48d58f810b00  31 minutes ago  28.9MB
alpine/git                      latest   42a1cda0ba24  9 days ago      43.6MB

C:\Users\PRASANNA PREZ>docker push prasannas1/docker101tutorial:latest
The push refers to repository [docker.io/prasannas1/docker101tutorial]
c2d17584641b: Pushing [>                                       ]  46.59kB/3.601MB
22189efe313c: Pushing [===========================>            ]  1.019MB/1.76MB
0618d1e529fa: Preparing
6e96dd581d79: Preparing
acf5e0b2cf08: Preparing
d51445d70778: Waiting
b96b16a53835: Waiting
994393dc58e7: Preparing
```

```
C:\WINDOWS\system32\cmd.exe                                                                                    —    □    ×
Error response from daemon: Get "https://username=prasannas1/v2/": dialing username=prasannas1:443 no HTTPS proxy: resolving host username=prasannas1: lookup username=prasa
nnas1: no such host

C:\Users\PRASANNA PREZ>docker login username=prasannas1
Username: prasannas1
Password:
Error response from daemon: Get "https://username=prasannas1/v2/": dialing username=prasannas1:443 no HTTPS proxy: resolving host username=prasannas1: lookup username=prasa
nnas1: no such host

C:\Users\PRASANNA PREZ>docker login --username=prasannas1
Password:
Login Succeeded

Logging in with your password grants your terminal complete access to your account.
For better security, log in with a limited-privilege personal access token. Learn more at https://docs.docker.com/go/access-tokens/

C:\Users\PRASANNA PREZ>docker tag docker101tutorial:latest prasannas1/docker101tutorial

C:\Users\PRASANNA PREZ>docker images
REPOSITORY                    TAG        IMAGE ID        CREATED          SIZE
docker101tutorial             latest     48d58f810b00    31 minutes ago   28.9MB
prasannas1/docker101tutorial  latest     48d58f810b00    31 minutes ago   28.9MB
alpine/git                    latest     42a1cda0ba24    9 days ago       43.6MB

C:\Users\PRASANNA PREZ>docker push prasannas1/docker101tutorial:latest
The push refers to repository [docker.io/prasannas1/docker101tutorial]
c2d17584641b: Pushed
22189efe313c: Pushed
0618d1e529fa: Mounted from library/nginx
6e96dd581d79: Mounted from library/nginx
acf5e0b2cf08: Mounted from library/nginx
d51445d70778: Mounted from library/nginx
b96b16a53835: Mounted from library/nginx
994393dc58e7: Mounted from alpine/git
latest: digest: sha256:3172205643026c1278c00be2675d9d3c14a188744b97427460aef1fb336d321c size: 1990

C:\Users\PRASANNA PREZ>docker logout
Removing login credentials for https://index.docker.io/v1/

C:\Users\PRASANNA PREZ>
```


prasannas1 / docker101tutorial

Description

my first app ✎

🕐 Last pushed: 2 minutes ago

Docker commands

To push a new tag to this repository,

```
docker push prasannas1/docker101tutorial:tagname
```

Tags and scans

This repository contains 1 tag(s).

VULNERABILITY SCANNING - DISABLED
Enable

Tag	OS	Type	Pulled	Pushed
🟢 latest	🐧	Image	---	2 minutes ago

See all   Go to Advanced Image Management

Automated Builds

Manually pushing images to Hub? Connect your account to GitHub or Bitbucket to automatically build and tag new images whenever your code is updated, so you can focus your time on creating.
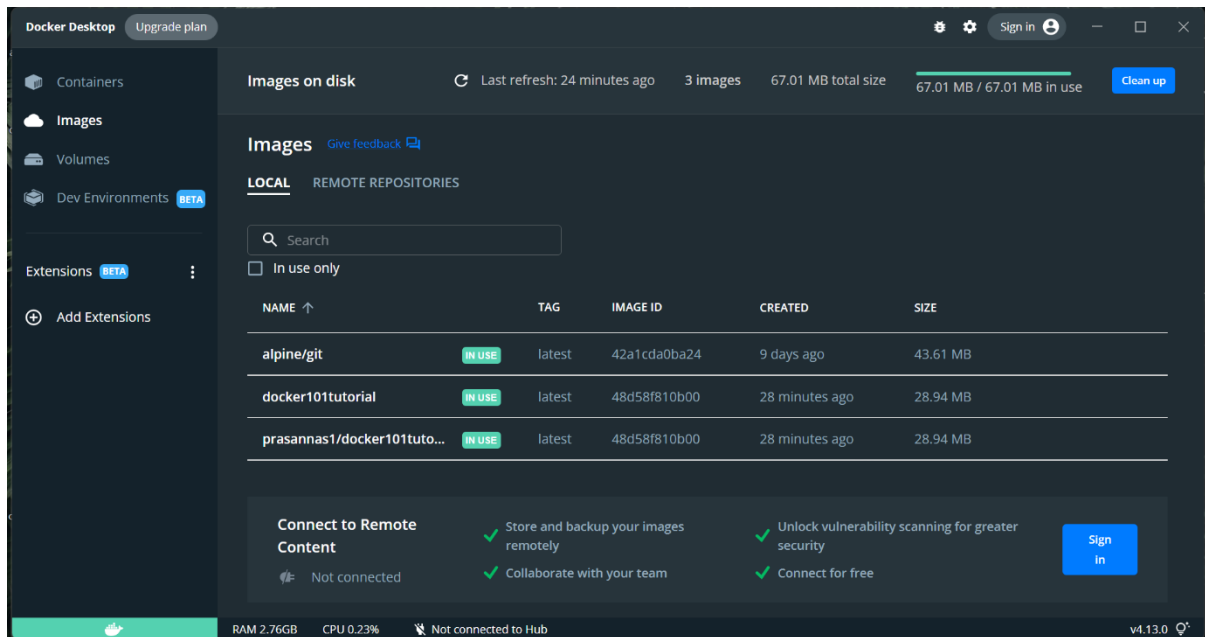
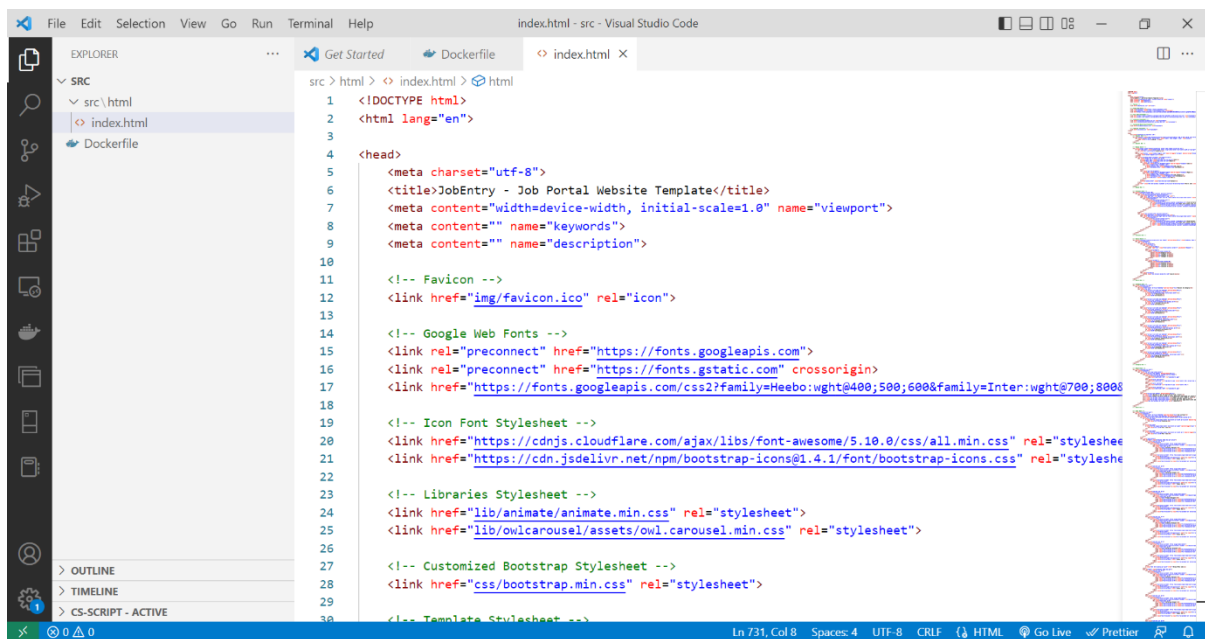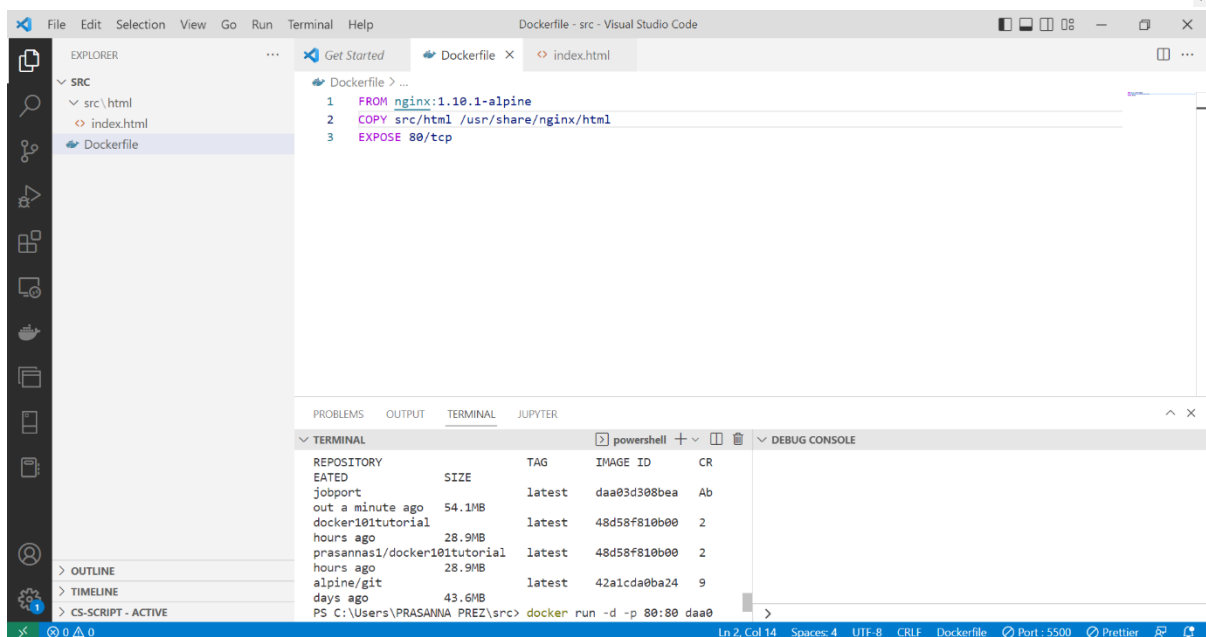Available with Pro, Team and Business subscriptions.
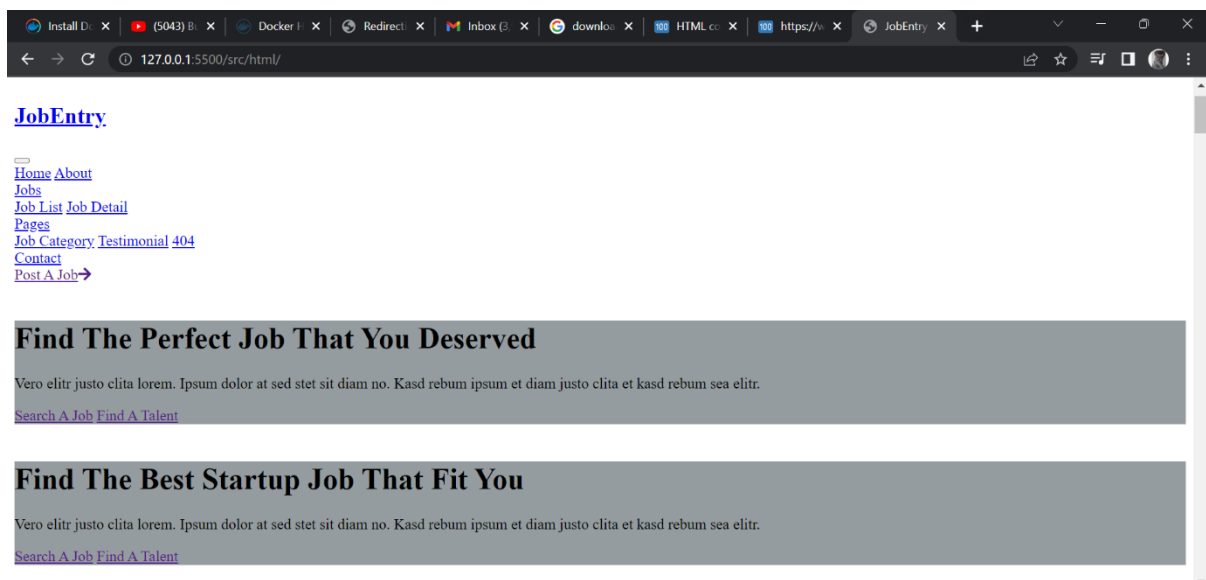
Upgrade   Learn more
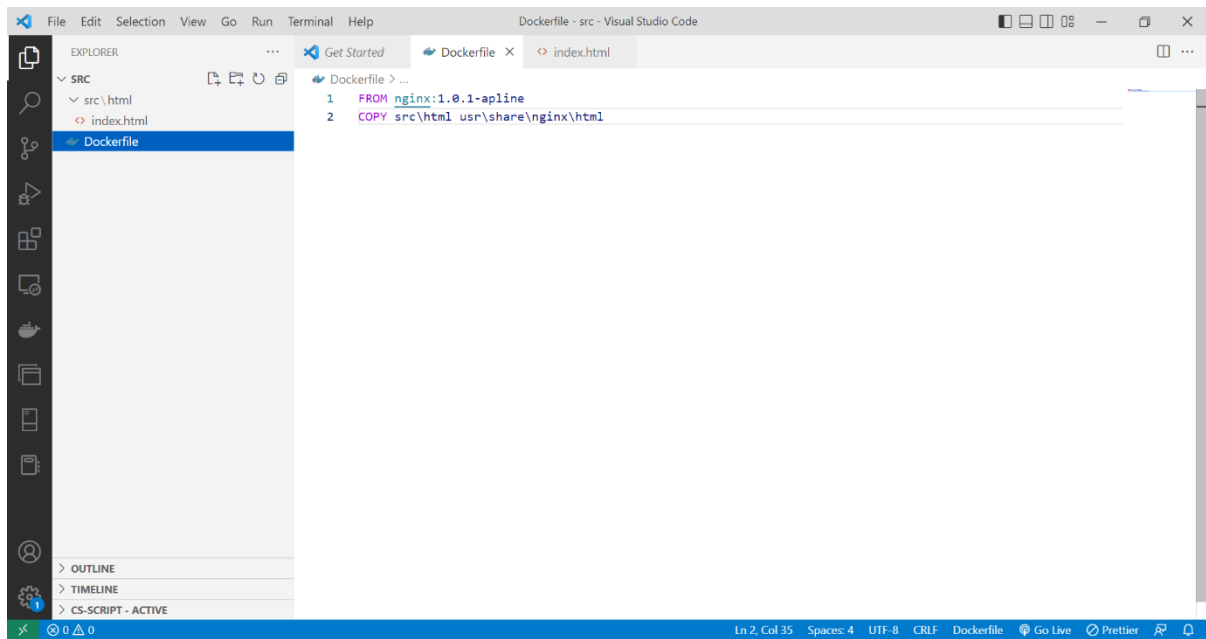
README ⓘ ✎

Repository description is empty. Click here to edit.

Docker File for Job Portal:

Visual Studio Code — Dockerfile (top)

File Edit Selection View Go Run Terminal Help   Dockerfile - src - Visual Studio Code

EXPLORER

Get Started   Dockerfile   ×   index.html

∨ SRC
  ∨ src\html
    <> index.html
    Dockerfile

Dockerfile > ...
```
1  FROM nginx:1.0.1-apline
2  COPY src\html usr\share\nginx\html
```

OUTLINE
TIMELINE
CS-SCRIPT - ACTIVE

Ln 2, Col 35   Spaces: 4   UTF-8   CRLF   Dockerfile   Go Live   Prettier

Browser — JobEntry (middle)

127.0.0.1:5500/src/html/

JobEntry

Home About
Jobs
Job List Job Detail
Pages
Job Category Testimonial 404
Contact
Post A Job→

Find The Perfect Job That You Deserved

Vero elitr justo clita lorem. Ipsum dolor at sed stet sit diam no. Kasd rebum ipsum et diam justo clita et kasd rebum sea elitr.

Search A Job Find A Talent

Find The Best Startup Job That Fit You

Vero elitr justo clita lorem. Ipsum dolor at sed stet sit diam no. Kasd rebum ipsum et diam justo clita et kasd rebum sea elitr.

Search A Job Find A Talent

Visual Studio Code — Dockerfile (bottom)

File Edit Selection View Go Run Terminal Help   Dockerfile - src - Visual Studio Code

EXPLORER

Get Started   Dockerfile   ×   index.html

∨ SRC
  ∨ src\html
    <> index.html
    Dockerfile

Dockerfile > ...
```
1  FROM nginx:1.10.1-alpine
2  COPY src/html /usr/share/nginx/html
3  EXPOSE 80/tcp
```

PROBLEMS   OUTPUT   TERMINAL   JUPYTER

∨ TERMINAL   powershell   + ∨   ∨ DEBUG CONSOLE

```
REPOSITORY                      TAG      IMAGE ID       CR
EATED              SIZE
jobport                         latest   daa03d308bea   Ab
out a minute ago   54.1MB
docker101tutorial               latest   48d58f810b00   2
hours ago          28.9MB
prasannas1/docker101tutorial    latest   48d58f810b00   2
hours ago          28.9MB
alpine/git                      latest   42a1cda0ba24   9
days ago           43.6MB
PS C:\Users\PRASANNA PREZ\src> docker run -d -p 80:80 daa0
```

OUTLINE
TIMELINE
CS-SCRIPT - ACTIVE

Ln 2, Col 14   Spaces: 4   UTF-8   CRLF   Dockerfile   Port : 5500   Prettier

Screenshot 1 (top):

```
Dockerfile - src - Visual Studio Code

Dockerfile > ...
2    COPY src\html usr\share\nginx\html

PROBLEMS  OUTPUT  TERMINAL  JUPYTER

TERMINAL                          powershell

PS C:\Users\PRASANNA PREZ\src> cat Dockerfile
FROM nginx:1.0.1-apline
COPY src\html usr\share\nginx\html
PS C:\Users\PRASANNA PREZ\src> docker build .
[+] Building 3.3s (3/3) FINISHED
 => [internal] load build definition from Dockerfil  0.1s
 => => transferring dockerfile: 96B                   0.0s
 => [internal] load .dockerignore                     0.0s
 => => transferring context: 2B                       0.0s
 => ERROR [internal] load metadata for docker.io/li   3.1s
 ------
```

Ln 2, Col 35   Spaces: 4   UTF-8   CRLF   Dockerfile   Port : 5500   Prettier

30°C Partly sunny — 02:28 PM 29-10-2022

Screenshot 2 (bottom):

```
Dockerfile - src - Visual Studio Code

Dockerfile > ...
1    FROM nginx:1.10.1-alpine
2    COPY src/html /usr/share/nginx/html

PROBLEMS  OUTPUT  TERMINAL  JUPYTER

TERMINAL                          powershell

REPOSITORY                    TAG       IMAGE ID      CR
EATED              SIZE
jobport                       latest    daa03d308bea  Ab
out a minute ago   54.1MB
docker101tutorial             latest    48d58f810b00  2
hours ago          28.9MB
prasannas1/docker101tutorial  latest    48d58f810b00  2
hours ago          28.9MB
alpine/git                    latest    42a1cda0ba24  9
days ago           43.6MB
PS C:\Users\PRASANNA PREZ\src>
```

Ln 1, Col 25   Spaces: 4   UTF-8   CRLF   Dockerfile   Port : 5500   Prettier

30°C Partly sunny — 02:33 PM 29-10-2022