Group 10 Participation Guidelines

Our group <u>welcomes</u> all the members and their contribution to the project and respects any hard work put into our success and achievements that will build the future Engineers. We have adopted this code of conduct and require all the members of the project to agree and contribute in order to succeed and create a safe and positive project experience for all of us.

The guidelines aim to collaborate with a group of students to successfully implement skills obtained during the module and make use of those skills on different projects regardless of:

- Background
- Gender identity or expression
- Sexual Orientation
- Native language
- Marital status
- Abilities and Disabilities
- Age
- Race and Ethnicity
- National origin
- Last and foremost – Religion

GitHub link:

https://github.com/Iron777ip/Brainstorming-.git

The group members:

1. Ion Pruteanu – Scrum Master

2. Yamin Hossan – Developer

3. Abbosbek Abdullaev – Product Owner

1. Regular meetings:

The regular meetings are being set up in order to keep the track of achievements of the project and to be updated with the work of other group members. The meetings are mandatory for all the group members as they play a vital role in succession of the project.

- Monday 13.00 – 13.30 (In person)
- Tuesday 14.00 – 14.30 (In person)
- Thursday 18.00 – 19.00 (In person)
- Saturday 9.00 – 9.30 (Online)

2. Rules:

Professional and direct members will be always welcome in the group. Members are kindly asked to follow the guidelines conducted by current members of the group.

3. Penalties:

The penalties are implemented to keep the discipline and in integrity of the group and keep every member of the group busy and interested. The penalties would be equal for each member of the group regardless of their success in the project.

- Buying a cup of coffee

This penalty is for the members who will come late for the mandatory meetings.

- Reporting Misconduct

Any member who is not willing to implement any work or interest to the project will be reported to the module lecturer and further penalties will be discussed with the Misconduct team. We hope that each member will put enough effort and work to achieve the desired outcome.

- Studying the materials of the whole week

The members who will not attend the seminar and lab sessions will be obligated to study the materials of that week and be presented to other group members. The absence of one member can decrease the chances of passing the module and will be harm for both an individual and the group.

4. Plagiarism:

Plagiarism of any kind – getting materials from other groups, asking other group members to help with the project will be considered as plagiarism.

5. Break-time policy:

The group members must take 5 minutes break every half an hour as it is critical to maintain the focus and interest.

6. Absenteeism:

Each member is expected to join all meeting in discussed for that time. The absence of any kind can lead the group to perform in a slow progress.

7. Reporting Misconduct:

Any unacceptable behaviour towards others group members and unwillingness of work and not participating in the projects will be reported to the Misconduct team.

8. Conflict of interest:

We expect all group members to avoid any kind of personal, financial, or other interest that could potentially cause the low willingness to perform their tasks.

9. Leave policy:

We expect all group members to participate with passion and interest. Those members who refuse to do the duties and tasks will be asked to leave the group to keep it functional. Sharing Project and Materials with external groups can cause immediate leaving from the group.

10. Confidentiality:

Materials and ideas that have been generated cannot be shared with external groups members and friends. The project/coursework cannot be shared as it is an achievement of the initial group.

These guidelines will help the team members to collaborate and interact with different no-understandings between the team members.

Expected behaviours during the project:

- Being respectful to other members of the team.
- Being professional and direct.
- Being inclusive.
- Leading by examples.
- Understanding different perspectives.

Behaviours that will not be accepted:

Any type of violence in any form is not acceptable within the group members and will not be tolerated.

Backlog	Sprint	In Progress	Testing	Completed	Blocked
	Course Work 1 due Friday	Learning Git Hub 1. Git commits 2. Git realises 3. Git branches Learning Docker file		Code of Conduct Setting up GitHub First Release on GitHub	

Docker set-up(screenshot

Installing Docker Desktop 4.16.3 (96739)

Docker Desktop 4.16.3

Unpacking files...

Unpacking file: resources/wsl/docker-wsl-cli.iso
Unpacking file: resources/wsl/docker-for-wsl.iso.sha256
Unpacking file: resources/wsl/docker-for-wsl.iso
Unpacking file: resources/windows-daemon-options.json
Unpacking file: resources/tile-icon.png
Unpacking file: resources/tile-error.png
Unpacking file: resources/services.tar
Unpacking file: resources/linux-daemon-options.json
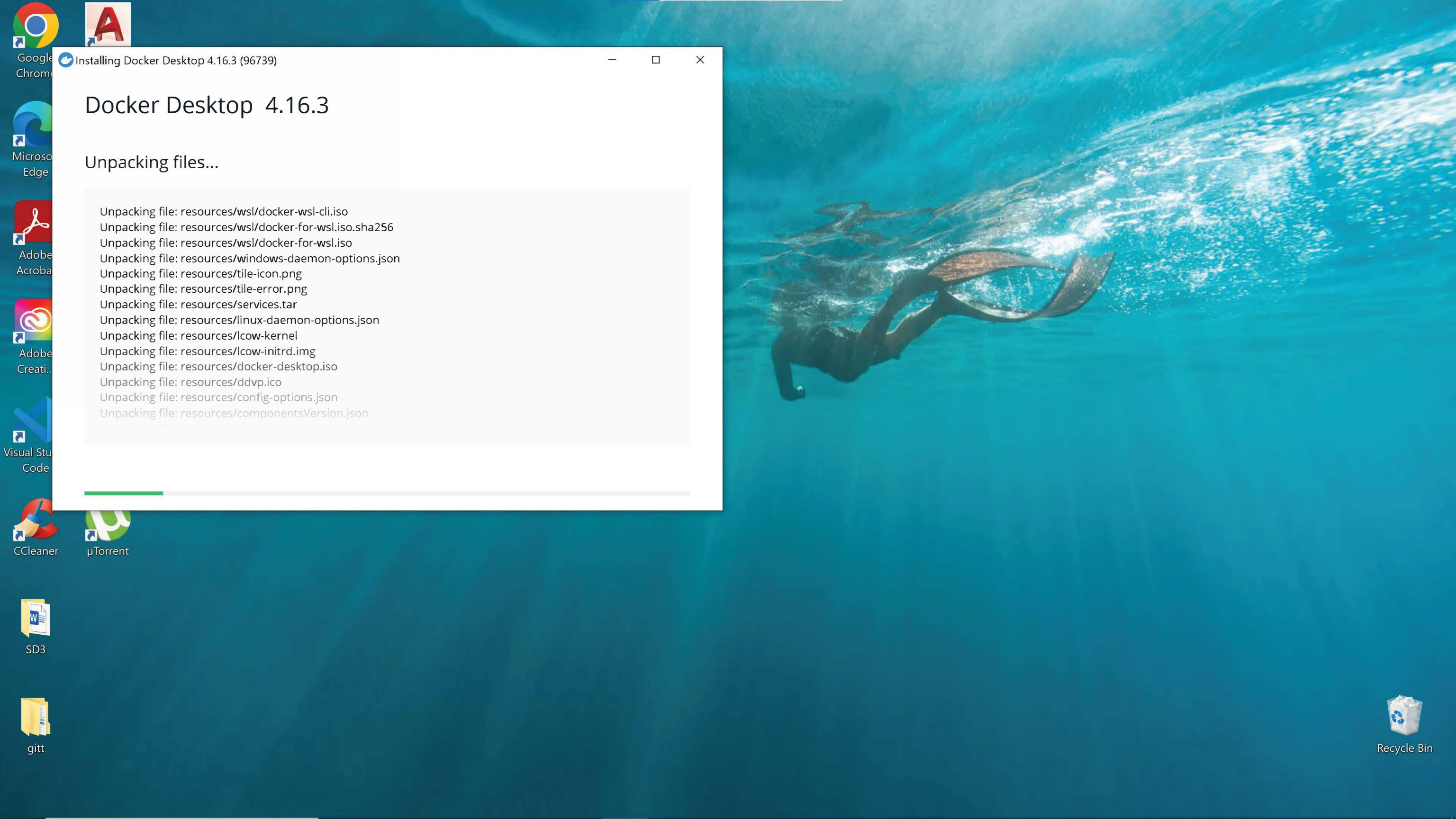Unpacking file: resources/lcow-kernel
Unpacking file: resources/lcow-initrd.img
Unpacking file: resources/docker-desktop.iso
Unpacking file: resources/ddvp.ico
Unpacking file: resources/config-options.json
Unpacking file: resources/componentsVersion.json

Containers   Give feedback

Containers

A container packages up code and its dependencies so the application runs quickly and reliably from one computing environment to another. Learn more

Images

Volumes

Dev Environments   BETA

Extensions

Add Extensions

Only show running containers   Search

		Name	Image	Status	Port(s)	Started	Actions
		epic_aryabhata d0465ad56095	getting-started	Exited (255)	3000:3000		▶ ⋮ 🗑
		pensive_shaw 2eb85974b849	docker/getting-started	Exited (255)	80:80		▶ ⋮ 🗑

Showing 2 items

Search Ctrl+K

Sign in

Containers

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Add Extensions

getting-started:l... IN USE

IMAGE ID 13d0e8ebdcb3 · CREATED 1 day ago · SIZE 261.99 MB

More actions

Run

ⓘ We're trialing a new image details page which provides more information about the image and gives insight into packages and vulnerabilities. You can turn it off in your settings.

Image hierarchy

	FROM	alpine:3, 3.17, 3.17.1, latest	
	FROM	node:18-alpine, 18-alpine3.17, 18.14-...	
	ALL	getting-started:latest	

Layers (14)

	8	CMD ["node"]	0 B	
	9	WORKDIR /app	0 B	
	10	COPY . . # buildkit	4.62 MB	
	11	RUN /bin/sh -c yarn install --p...	83.1 MB	
	12	CMD ["node" "src/index.js"]	0 B	
	13	EXPOSE map[3000/tcp:{}]	0 B	

Images (3) Vulnerabilities (10) Packages (599)

Give feedback

Package	Vulnerabilities		
> openssl 3.0.7-r2	1 H	7 M	0 L
> http-cache-semantics 4.1.0	1 H	0 M	0 L
> json5 2.2.1	1 H	0 M	0 L

RAM 1.88 GB · CPU 0.09% · Not connected to Hub · v4.16.3

Gmail | Maps | YouTube | Dashboar | Other favourites

```
Microsoft Windows [Version 10.0.19045.2486]
(c) Microsoft Corporation. All rights reserved.

C:\Users\dell>cd Desktop

C:\Users\dell\Desktop>ls
'ls' is not recognized as an internal or external command,
operable program or batch file.

C:\Users\dell\Desktop>cd gitt

C:\Users\dell\Desktop\gitt>git clone https://github.com/docker/getting-started.git
Cloning into 'getting-started'...
remote: Enumerating objects: 952, done.
Receiving objects:  86% (819/952), 5.00 MiB | 3.29 MiB/sremote: Total 952 (delta 0), reused 0 (delta 0), pack-reused 952
Receiving objects:  95% (905/952), 5.00 MiB | 3.29 MiB/s
Receiving objects: 100% (952/952), 5.18 MiB | 3.35 MiB/s, done.
Resolving deltas: 100% (541/541), done.

C:\Users\dell\Desktop\gitt>cd getting-started

C:\Users\dell\Desktop\gitt\getting-started>tyoe nul > Dockerfile
```

docker docs   Search the do

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Get Docker

Get started

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Part 4: Share the application

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Part 9: Image-building best practices

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Start an app container

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Mac / Linux | **Windows**

In the Windows Command Prompt, run the following commands listed below.

Change directory to the `app` directory. Replace `\path\to\app` with the path to your `getting-started\app` directory.

```
$ cd \path\to\app
```

Create an empty file named `Dockerfile`.

```
$ type nul > Dockerfile
```

2. Using a text editor or code editor, add the following contents to the Dockerfile:

```
Microsoft Windows [Version 10.0.19045.2486]
(c) Microsoft Corporation. All rights reserved.

C:\Users\dell>cd Desktop

C:\Users\dell\Desktop>ls
'ls' is not recognized as an internal or external command,
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C:\Users\dell\Desktop>cd gitt

C:\Users\dell\Desktop\gitt>git clone https://github.com/docker/getting-started.git
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remote: Enumerating objects: 952, done.
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Receiving objects:  95% (905/952), 5.00 MiB | 3.29 MiB/s
Receiving objects: 100% (952/952), 5.18 MiB | 3.35 MiB/s, done.
Resolving deltas: 100% (541/541), done.

C:\Users\dell\Desktop\gitt>cd getting-started

C:\Users\dell\Desktop\gitt\getting-started> cd app

C:\Users\dell\Desktop\gitt\getting-started\app>type nul > Dockerfile

C:\Users\dell\Desktop\gitt\getting-started\app>
```

docker docs

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```
$ type nul > Dockerfile
```

2. Using a text editor or code editor, add the following contents to the Dockerfile:

```
# syntax=docker/dockerfile:1

FROM node:18-alpine
WORKDIR /app
COPY . .
RUN yarn install --production
CMD ["node", "src/index.js"]
EXPOSE 3000
```

Get the app

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Start an app container

Next steps

Gmail   Maps   YouTube   Dashboar

Other favourites

https://docs.docker.com/ge

```
C:\Users\dell\Desktop\gitt\getting-started> cd app

C:\Users\dell\Desktop\gitt\getting-started\app>type nul > Dockerfile

C:\Users\dell\Desktop\gitt\getting-started\app>docker build -t getting-started .
[+] Building 31.5s (13/13) FINISHED
 => [internal] load build definition from Dockerfile                                    0.0s
 => => transferring dockerfile: 191B                                                    0.0s
 => [internal] load .dockerignore                                                       0.0s
 => => transferring context: 2B                                                         0.0s
 => resolve image config for docker.io/docker/dockerfile:1                              1.6s
 => CACHED docker-image://docker.io/docker/dockerfile:1@sha256:d2d74ff22a0e47b21f4bbde337e2ac4cd0a02a2226ef792648  0.0s
 => [internal] load build definition from Dockerfile                                    0.0s
 => [internal] load .dockerignore                                                       0.0s
 => [internal] load metadata for docker.io/library/node:18-alpine                       1.0s
 => [internal] load build context                                                       0.1s
 => => transferring context: 4.62MB                                                     0.1s
 => [1/4] FROM docker.io/library/node:18-alpine@sha256:bc329c7332cffc30c2d4801e38df03cbfa8dcbae2a7a52a449db104794  0.0s
 => CACHED [2/4] WORKDIR /app                                                           0.0s
 => [3/4] COPY . .                                                                      0.2s
 => [4/4] RUN yarn install --production                                                25.9s
 => exporting to image                                                                  1.9s
 => => exporting layers                                                                 1.8s
 => => writing image sha256:501b277e5ef3aec2fffb1c16b39e0198a895b2e3bbb0b977338c73af5789a3ba  0.0s
 => => naming to docker.io/library/getting-started                                      0.0s

Use 'docker scan' to run Snyk tests against images to find vulnerabilities and learn how to fix them

C:\Users\dell\Desktop\gitt\getting-started\app>
```

docker docs   Search the do

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image. But, since you didn't have that on your machine, Docker needed to download the image.

After Docker downloaded the image, the instructions from the Dockerfile copied in your application and used `yarn` to install your application's dependencies. The `CMD` directive specifies the default command to run when starting a container from this image.

Finally, the `-t` flag tags your image. Think of this simply as a human-readable name for the final image. Since you named the image `getting-started`, you can refer to that image when you run a container.

The `.` at the end of the `docker build` command tells Docker that it should look for the `Dockerfile` in the current directory.

Start an app container

Now that you have an image, you can run the application in a container. To do so, you will use the `docker run` command.

1. Start your container using the `docker run` command and specify the name of the image you just created:
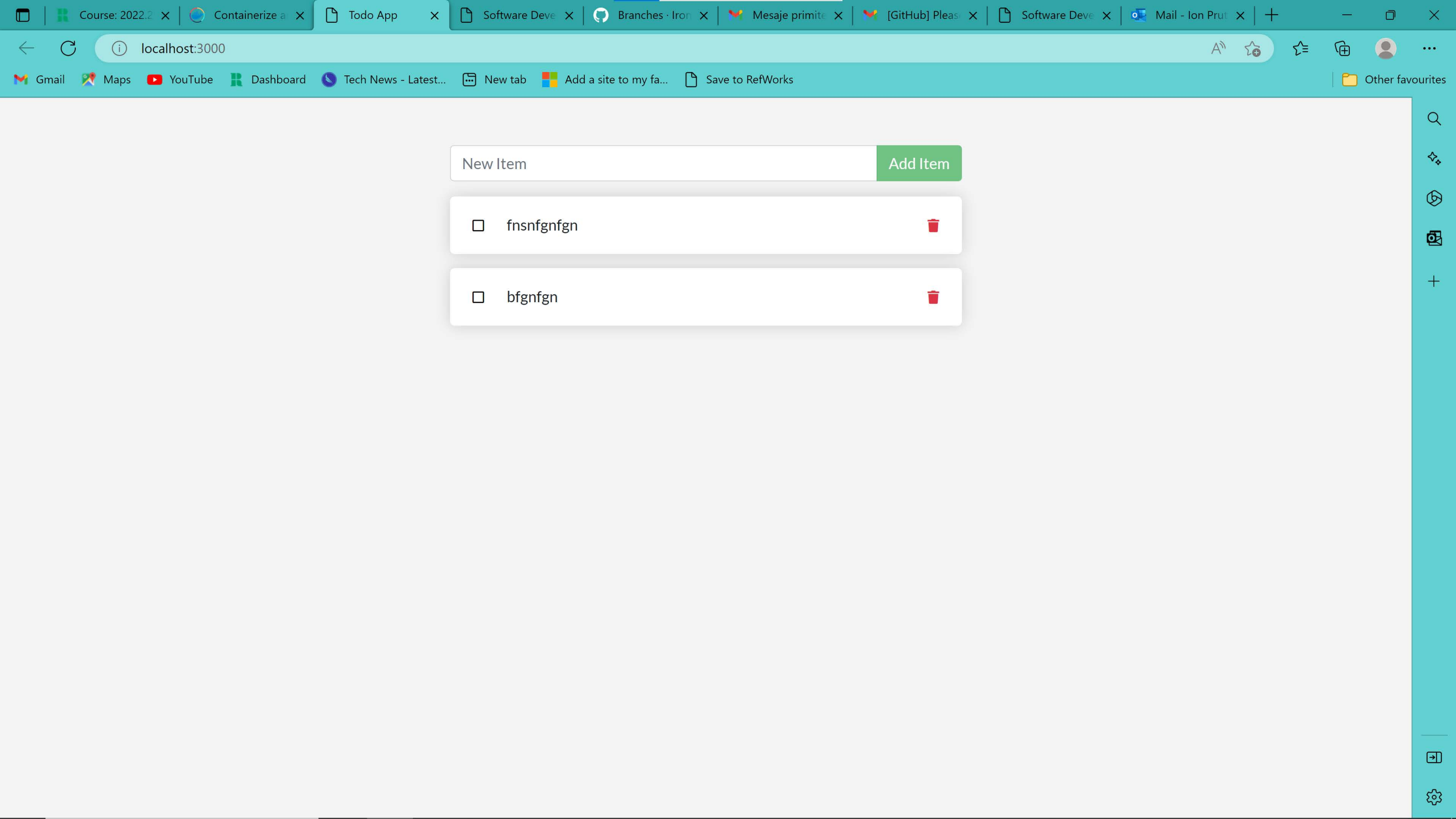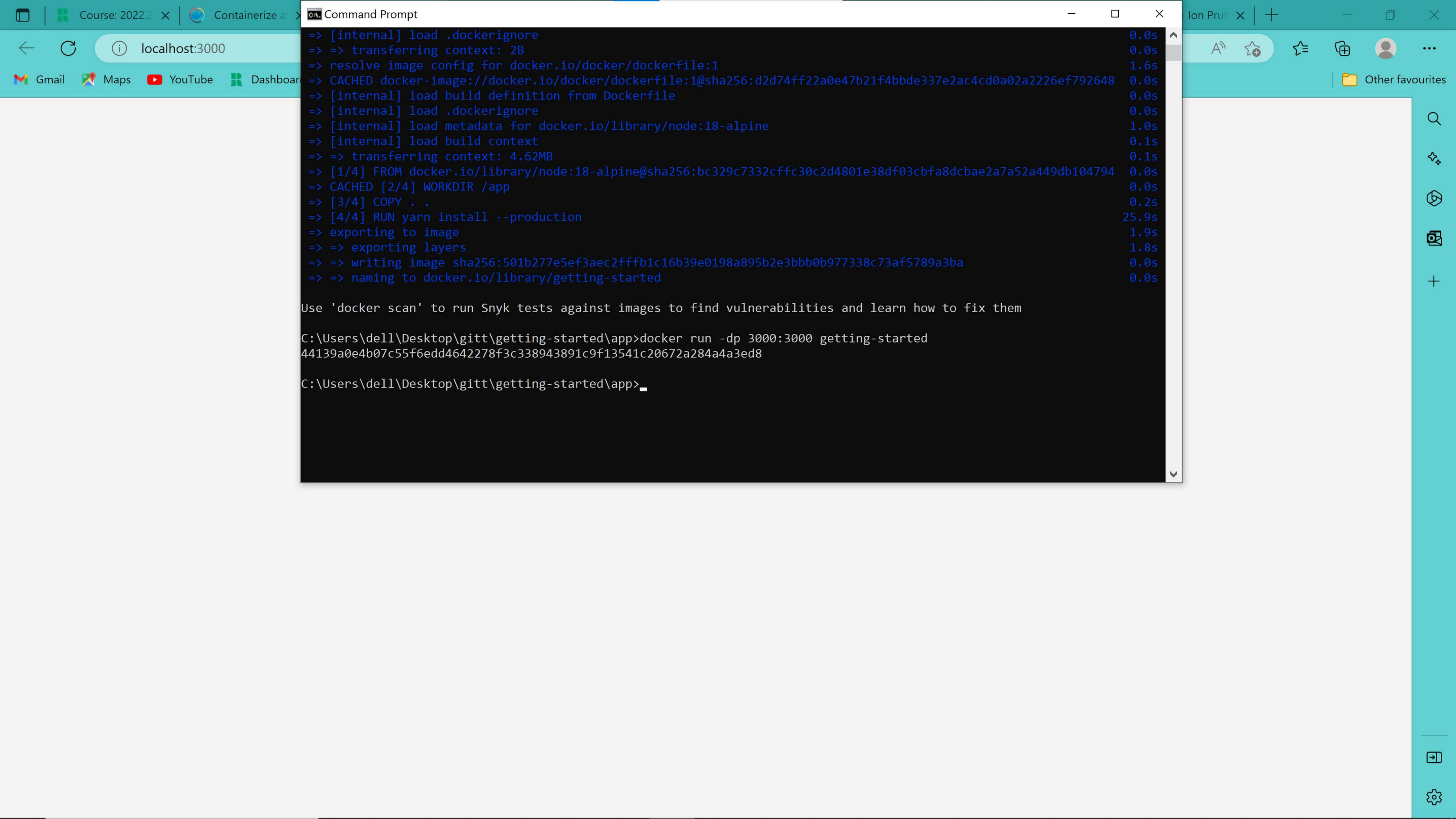
New Item   Add Item

☐   fnsnfgnfgn   🗑

☐   bfgnfgn   🗑

```
=> [internal] load .dockerignore                                                    0.0s
=> => transferring context: 2B                                                      0.0s
=> resolve image config for docker.io/docker/dockerfile:1                           1.6s
=> CACHED docker-image://docker.io/docker/dockerfile:1@sha256:d2d74ff22a0e47b21f4bbde337e2ac4cd0a02a2226ef792648   0.0s
=> [internal] load build definition from Dockerfile                                 0.0s
=> [internal] load .dockerignore                                                    0.0s
=> [internal] load metadata for docker.io/library/node:18-alpine                    1.0s
=> [internal] load build context                                                    0.1s
=> => transferring context: 4.62MB                                                  0.1s
=> [1/4] FROM docker.io/library/node:18-alpine@sha256:bc329c7332cffc30c2d4801e38df03cbfa8dcbae2a7a52a449db104794   0.0s
=> CACHED [2/4] WORKDIR /app                                                         0.0s
=> [3/4] COPY . .                                                                   0.2s
=> [4/4] RUN yarn install --production                                             25.9s
=> exporting to image                                                               1.9s
=> => exporting layers                                                              1.8s
=> => writing image sha256:501b277e5ef3aec2fffb1c16b39e0198a895b2e3bbb0b977338c73af5789a3ba   0.0s
=> => naming to docker.io/library/getting-started                                   0.0s

Use 'docker scan' to run Snyk tests against images to find vulnerabilities and learn how to fix them

C:\Users\dell\Desktop\gitt\getting-started\app>docker run -dp 3000:3000 getting-started
44139a0e4b07c55f6edd4642278f3c338943891c9f13541c20672a284a4a3ed8


C:\Users\dell\Desktop\gitt\getting-started\app>
```

WhatsApp

Chats

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Software Engineering

pensive_shaw   docker/getting-started
EXITED (255)

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Add Extensions

Logs   Inspect   Terminal   Stats

```
2023-02-09 20:52:52 /docker-entrypoint.sh: /docker-entrypoint.d/ is not empty, will attempt to perform configuration
2023-02-09 20:52:52 /docker-entrypoint.sh: Looking for shell scripts in /docker-entrypoint.d/
2023-02-09 20:52:52 /docker-entrypoint.sh: Launching /docker-entrypoint.d/10-listen-on-ipv6-by-default.sh
2023-02-09 20:52:52 10-listen-on-ipv6-by-default.sh: info: Getting the checksum of /etc/nginx/conf.d/default.conf
2023-02-09 20:52:52 10-listen-on-ipv6-by-default.sh: info: Enabled listen on IPv6 in /etc/nginx/conf.d/default.conf
2023-02-09 20:52:52 /docker-entrypoint.sh: Launching /docker-entrypoint.d/20-envsubst-on-templates.sh
2023-02-09 20:52:52 /docker-entrypoint.sh: Launching /docker-entrypoint.d/30-tune-worker-processes.sh
2023-02-09 20:52:52 /docker-entrypoint.sh: Configuration complete; ready for start up
2023-02-09 20:52:52 2023/02/09 20:52:52 [notice] 1#1: using the "epoll" event method
2023-02-09 20:52:52 2023/02/09 20:52:52 [notice] 1#1: nginx/1.23.3
2023-02-09 20:52:52 2023/02/09 20:52:52 [notice] 1#1: built by gcc 12.2.1 20220924 (Alpine 12.2.1_git20220924-r4)
2023-02-09 20:52:52 2023/02/09 20:52:52 [notice] 1#1: OS: Linux 5.15.79.1-microsoft-standard-WSL2
2023-02-09 20:52:52 2023/02/09 20:52:52 [notice] 1#1: getrlimit(RLIMIT_NOFILE): 1048576:1048576
2023-02-09 20:52:52 2023/02/09 20:52:52 [notice] 1#1: start worker processes
2023-02-09 20:52:52 2023/02/09 20:52:52 [notice] 1#1: start worker process 30
2023-02-09 20:52:52 2023/02/09 20:52:52 [notice] 1#1: start worker process 31
2023-02-09 20:52:52 2023/02/09 20:52:52 [notice] 1#1: start worker process 32
2023-02-09 20:52:52 2023/02/09 20:52:52 [notice] 1#1: start worker process 33
2023-02-09 20:52:52 2023/02/09 20:52:52 [notice] 1#1: start worker process 34
2023-02-09 20:52:52 2023/02/09 20:52:52 [notice] 1#1: start worker process 35
2023-02-09 20:52:52 2023/02/09 20:52:52 [notice] 1#1: start worker process 36
2023-02-09 20:52:52 2023/02/09 20:52:52 [notice] 1#1: start worker process 37
```

RAM 2.85 GB   CPU 0.29%   Not connected to Hub   v4.16.3

bro   15:15

anks   15:38

t yet   17:00

cture   22:31

y bad   22:31

Alex Ace   09:23
Image

Type a message