

The screenshot displays the Docker Desktop application interface. On the left, the 'EXPLORER' panel shows the project structure with files like `Dockerfile`, `package.json`, and `server.js`. The main area is split into two panes. The top pane shows the 'Images' section of Docker Hub, displaying a list of images with columns for Name, Tag, Image ID, Created, Size, and Actions. The bottom pane shows the 'Walkthroughs' section. The rightmost pane is a terminal window showing the output of a `Dockerfile` build command. The output includes details about the build process, such as the base image used (`FROM node:18`), the installation of dependencies (`npm install`), and the final image ID (`4d19093419e0`).

EXPLORER

- 1. `documents`
- 2. `node_modules`
- 3. `docker-compose.yml`
- 4. `Dockerfile`
- 5. `package-lock.json`
- 6. `package.json`
- 7. `server.js`

Dockerfile

```

1 FROM node:18
2 WORKDIR /tmp
3 COPY package*.json ./
4 RUN npm install
5 COPY . .
6 EXPOSE 3040
7 CMD ["node", "server.js"]

```

Images

View and manage your local and Docker Hub images. [Learn more](#)

Local Hub repositories

0 Bytes / 18.55 MB in use 1 images

Search

Name	Tag	Image ID	Created	Size	Actions
calculator	v1	4d19093419e0	6 seconds ago	1.34 GB	

Walkthroughs

Engine running

RAM 1.69 GB CPU 0.00% Disk 3.65 GB used (limit 1006.85 GB)

View build details: [desktop-linux/desktop-linux/irzwhmf73y3kjcuw52pl](#)

What's next:

View a summary of image vulnerabilities and recommendations • [docker scout quickview](#)

Log T. Docker@linux-7 PDM@4 -> Desktop/SIT321_737 - Cloud Native Development/SIT321_Cloud_Native_Application_Development/5.SP (main)

```

$

```

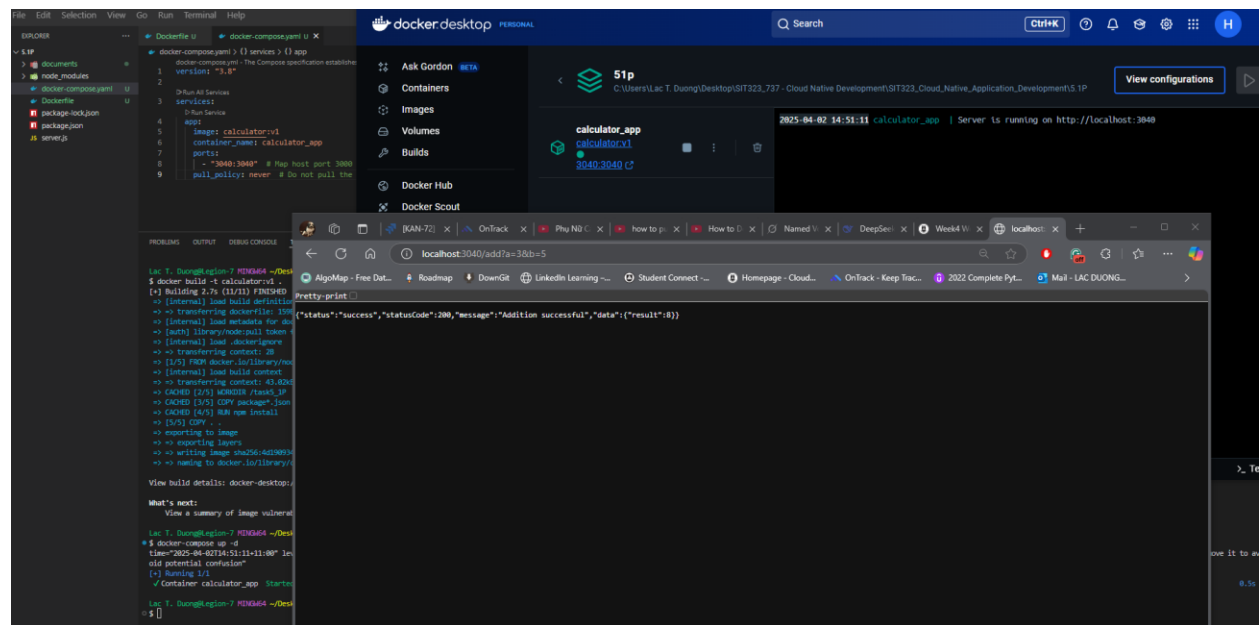


Image 2 – Container named “51P” is successfully created from the image above and can be access online via “<https://localhost/3040/>”

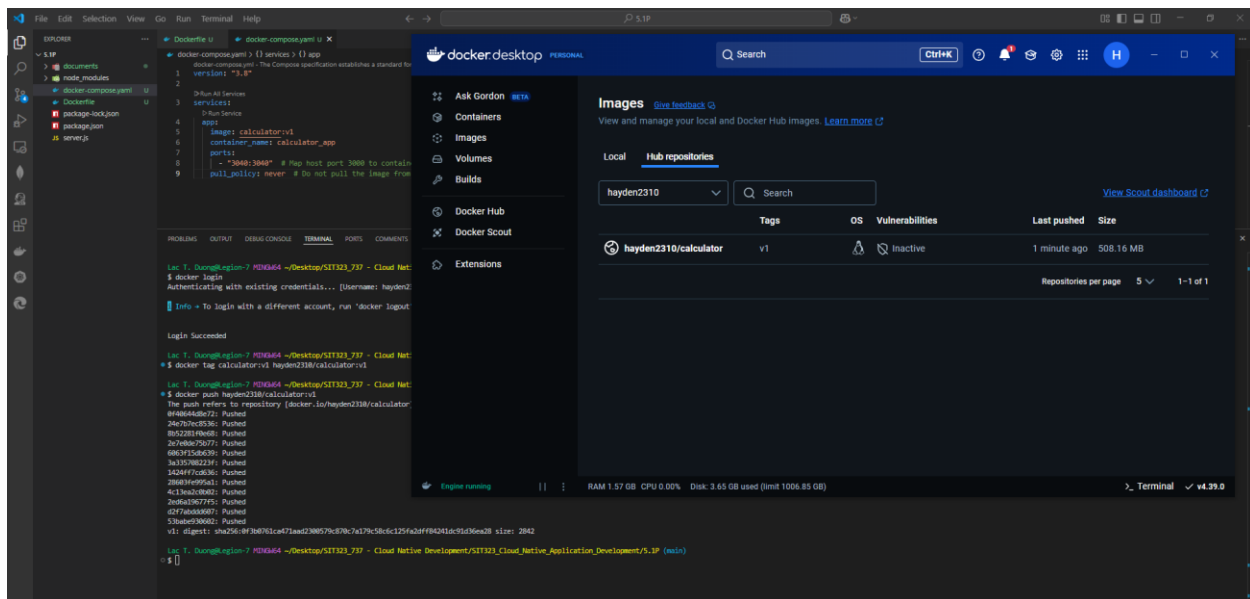


Image 3 – Image “hayden2310/calculator:v1” has been pushed successfully to Docker Hub Repository.

GitHub Link:

https://github.com/HaydenDuong/SIT323_Cloud_Native_Application_Development/tree/main/5.1P