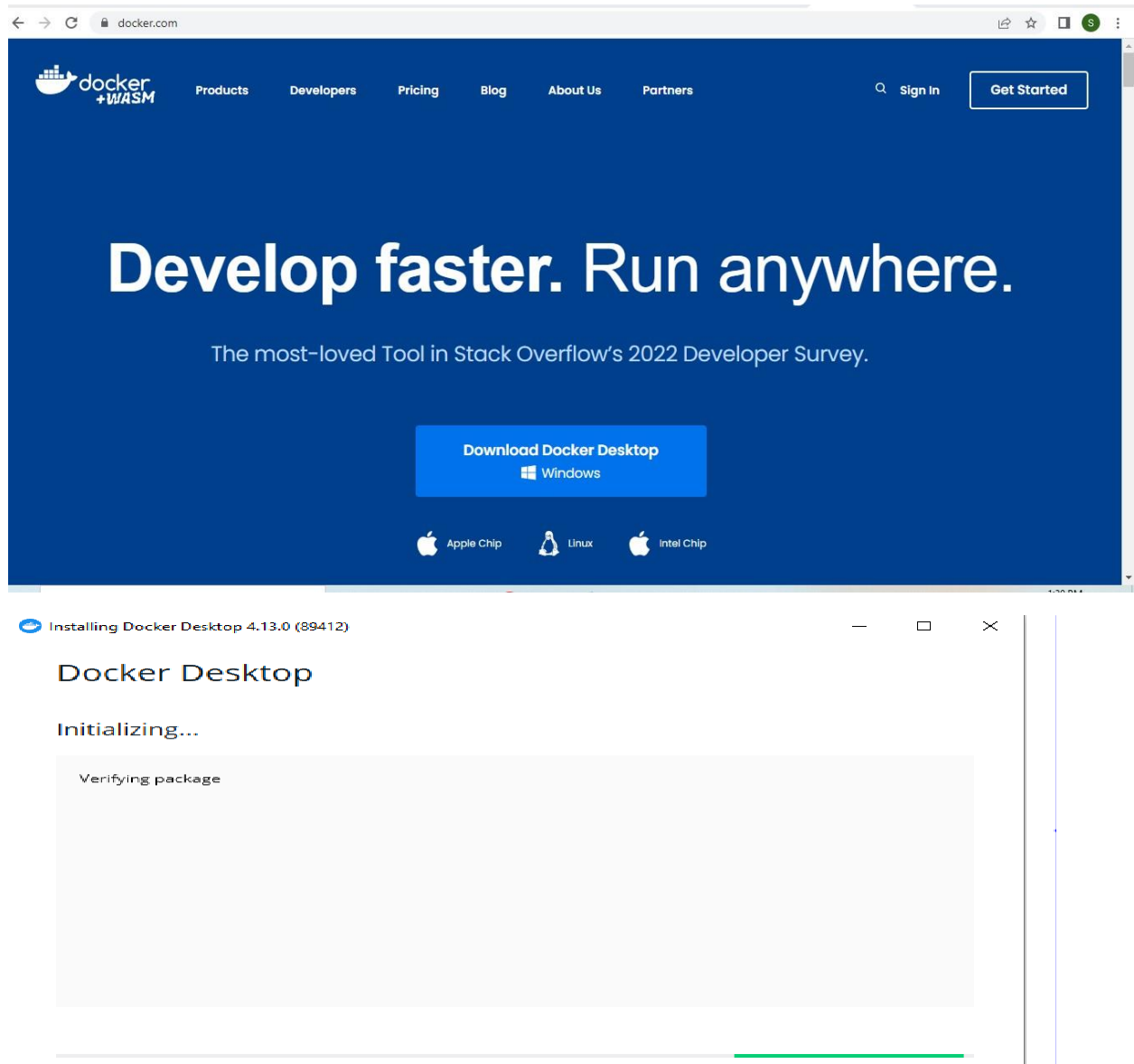


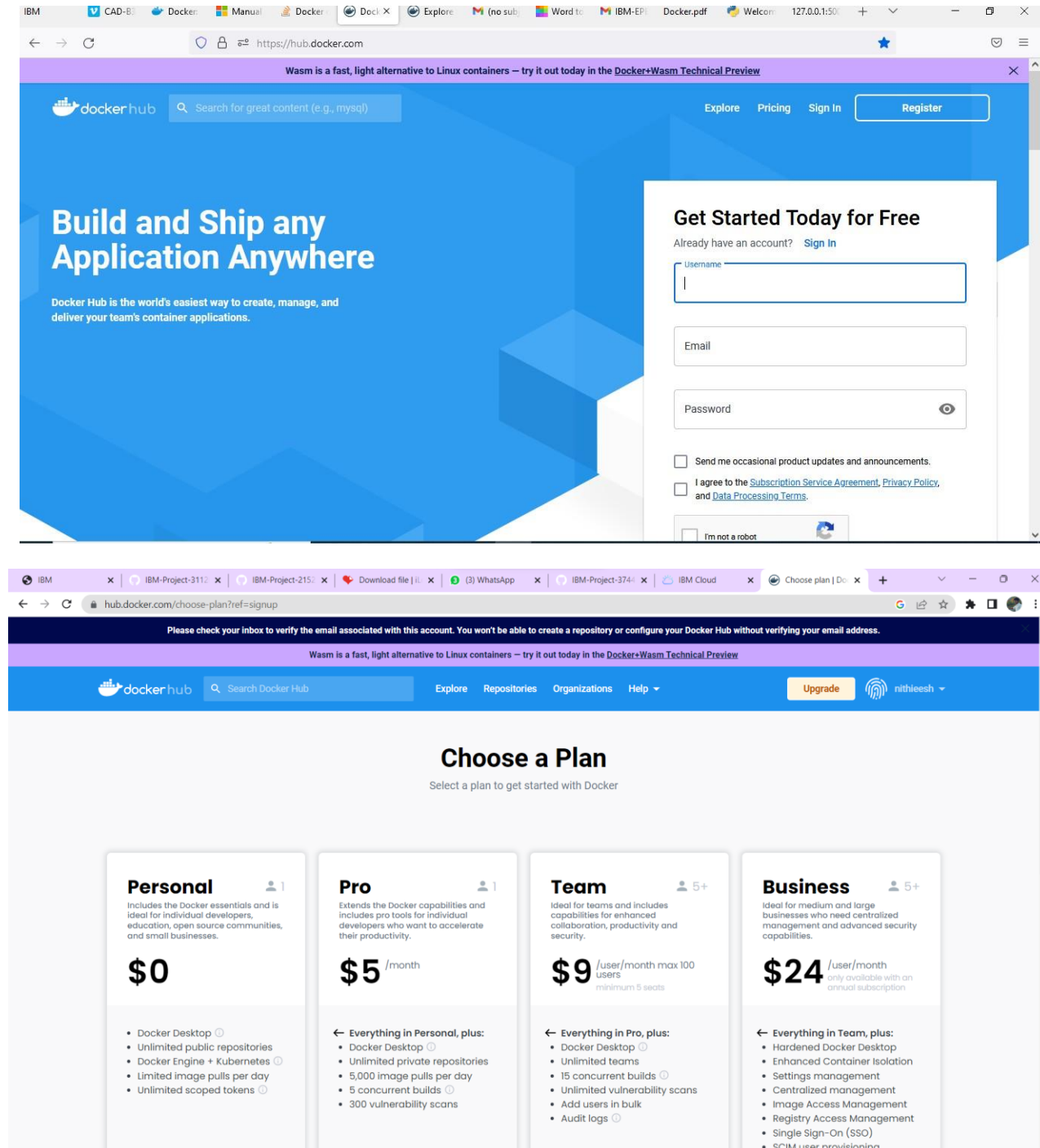
# Docker CLI Installation

Team ID	PNT2022TMID11680
Project Name	Smart Fashion Recommender Application

Step 1: Download Docker from **docker.com** and click download and install.



Step 2: Go to the [hub.docker.com](https://hub.docker.com)\_ Register and create an account and login with the same.



The image shows two screenshots of the Docker Hub website. The top screenshot is the registration page, and the bottom screenshot is the plan selection page.

**Top Screenshot: Registration Page**

The page has a blue header with the Docker Hub logo and a search bar. The main heading is "Build and Ship any Application Anywhere". Below this, it says "Docker Hub is the world's easiest way to create, manage, and deliver your team's container applications." On the right, there is a "Get Started Today for Free" section with a "Sign In" link for existing users. The registration form includes fields for Username, Email, and Password, along with checkboxes for product updates, terms of service, and a CAPTCHA.

**Bottom Screenshot: Choose a Plan Page**

The page has a blue header with the Docker Hub logo and a search bar. The main heading is "Choose a Plan". Below this, it says "Select a plan to get started with Docker". There are four plan cards: Personal, Pro, Team, and Business.

Plan	Price	Features
Personal	\$0	Includes the Docker essentials and is ideal for individual developers, education, open source communities, and small businesses. <ul style="list-style-type: none"><li>Docker Desktop</li><li>Unlimited public repositories</li><li>Docker Engine + Kubernetes</li><li>Limited image pulls per day</li><li>Unlimited scoped tokens</li></ul>
Pro	\$5 /month	Extends the Docker capabilities and includes pro tools for individual developers who want to accelerate their productivity. <ul style="list-style-type: none"><li>Everything in Personal, plus:<ul style="list-style-type: none"><li>Docker Desktop</li><li>Unlimited private repositories</li><li>5,000 image pulls per day</li><li>5 concurrent builds</li><li>300 vulnerability scans</li></ul></li></ul>
Team	\$9 /user/month max 100 users minimum 5 seats	Ideal for teams and includes capabilities for enhanced collaboration, productivity and security. <ul style="list-style-type: none"><li>Everything in Pro, plus:<ul style="list-style-type: none"><li>Docker Desktop</li><li>Unlimited teams</li><li>15 concurrent builds</li><li>Unlimited vulnerability scans</li><li>Add users in bulk</li><li>Audit logs</li></ul></li></ul>
Business	\$24 /user/month only available with an annual subscription	Ideal for medium and large businesses who need centralized management and advanced security capabilities. <ul style="list-style-type: none"><li>Everything in Team, plus:<ul style="list-style-type: none"><li>Hardened Docker Desktop</li><li>Enhanced Container Isolation</li><li>Settings management</li><li>Centralized management</li><li>Image Access Management</li><li>Registry Access Management</li><li>Single Sign-On (SSO)</li><li>SCIM user provisioning</li></ul></li></ul>

Step 2: Go to the [hub.docker.com](https://hub.docker.com) Register and create an account and login with

The screenshot shows a web browser with multiple tabs open, including IBM, IBM-Project-31120-1, IBM-Project-21525-1, Download file | iLove, (3) WhatsApp, IBM-Project-37443-1, and docker/getting-started. The address bar shows the URL [hub.docker.com/r/docker/getting-started](https://hub.docker.com/r/docker/getting-started). The page header features a purple banner for Wasm, a navigation bar with the Docker Hub logo, a search bar containing 'docker/getting-started', and links for Explore, Repositories, Organizations, and Help. A user profile for 'nithleesh' is visible in the top right corner.

The main content area displays the 'docker/getting-started' image, which is a 'VERIFIED PUBLISHER' and has been pulled over 10 million times. It was created by Docker, Inc. and updated 7 months ago. The image is described as a 'Getting Started tutorial for Docker'.

The 'Overview' tab is selected, showing the following content:

### Getting Started

This image contains the Getting Started tutorial for Docker.

You can run it locally with the following command:

```
docker run -d -p 80:80 docker/getting-started
```

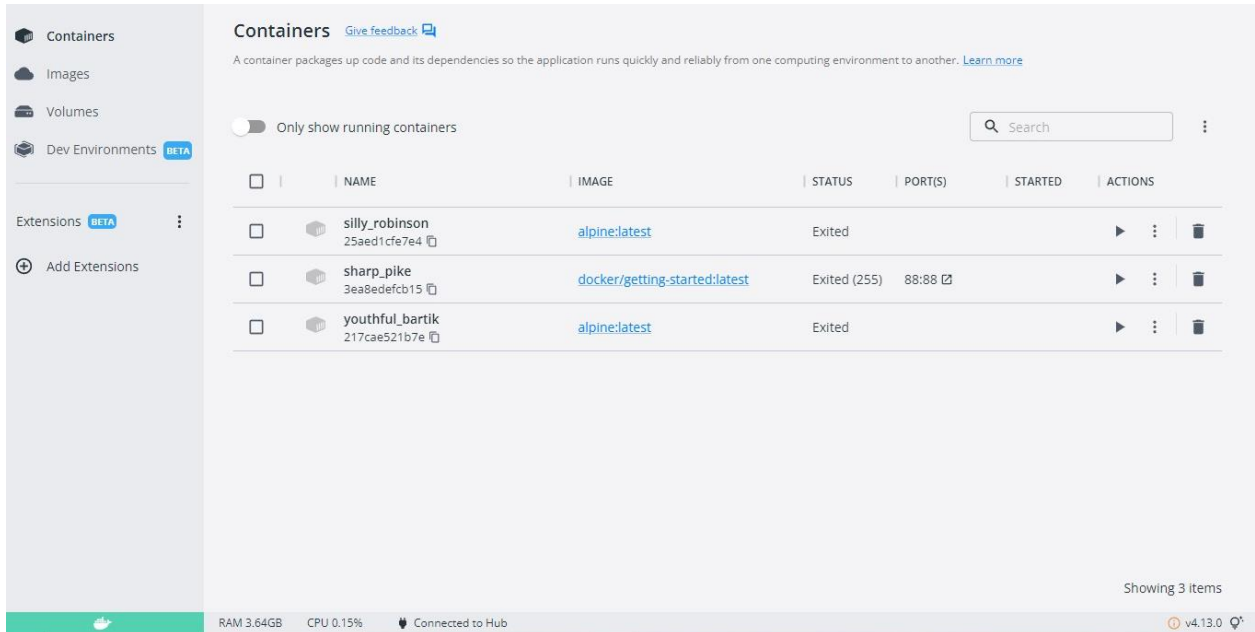
Then open a browser at <http://localhost> to go through the tutorial.

### References

On the right side, the 'Docker Pull Command' is shown as:

```
docker pull docker/getting-started
```

Step 3: open docker desktop and start creating containers and images.

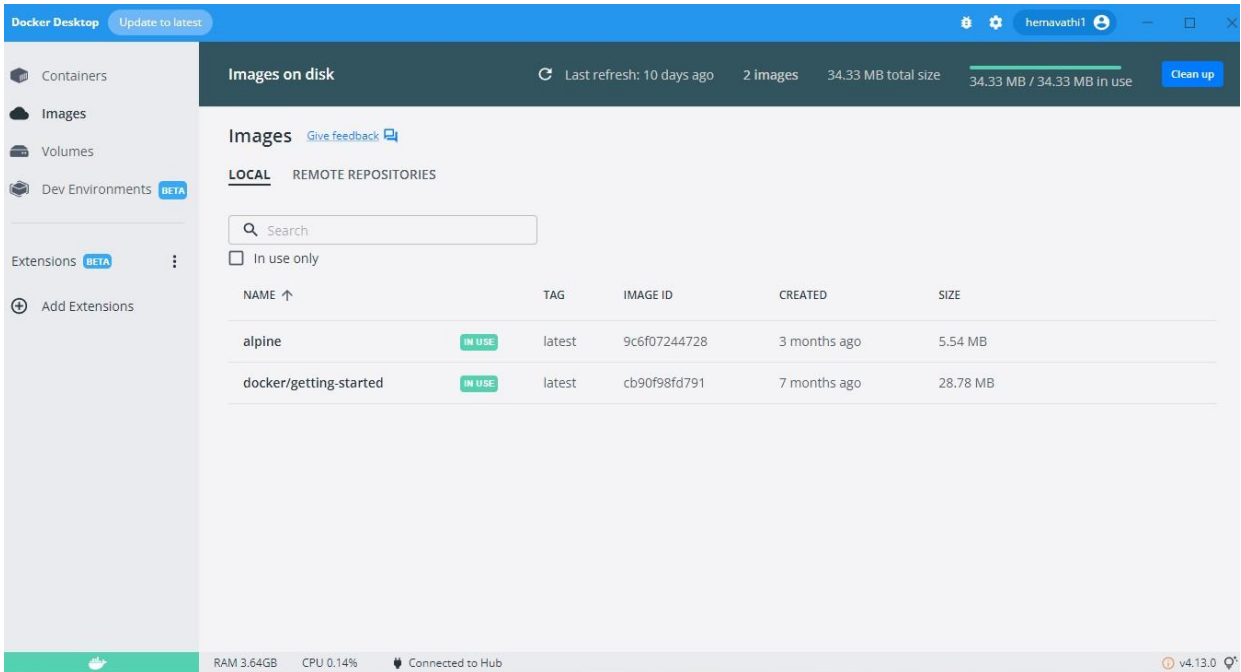


The screenshot shows the Docker Desktop interface with the 'Containers' tab selected. A sidebar on the left contains navigation links for Containers, Images, Volumes, Dev Environments (marked BETA), Extensions (marked BETA), and an 'Add Extensions' button. The main area displays a list of containers. A toggle switch for 'Only show running containers' is at the top left, and a search bar is at the top right. The container list has columns for NAME, IMAGE, STATUS, PORT(S), STARTED, and ACTIONS. Three containers are listed, all with a status of 'Exited'. The status bar at the bottom shows RAM 3.64GB, CPU 0.15%, and 'Connected to Hub'.

	NAME	IMAGE	STATUS	PORT(S)	STARTED	ACTIONS
<input type="checkbox"/>	silly_robinson 25aed1cf7e4	alpine:latest	Exited			▶ ⋮ 🗑
<input type="checkbox"/>	sharp_pike 3ea8edefcb15	docker/getting-started:latest	Exited (255)	88:88		▶ ⋮ 🗑
<input type="checkbox"/>	youthful_bartik 217cae521b7e	alpine:latest	Exited			▶ ⋮ 🗑

Showing 3 items

RAM 3.64GB CPU 0.15% Connected to Hub v4.13.0



The screenshot shows the Docker Desktop interface with the 'Images' tab selected. The sidebar is identical to the previous view. The main area shows 'Images on disk' with a summary bar indicating 'Last refresh: 10 days ago', '2 Images', '34.33 MB total size', and '34.33 MB / 34.33 MB in use'. Below this, the 'LOCAL' tab is active, showing a table of images. A search bar and an 'In use only' checkbox are at the top. The table has columns for NAME, TAG, IMAGE ID, CREATED, and SIZE. Two images are listed: 'alpine' and 'docker/getting-started', both marked 'IN USE'. The status bar at the bottom shows RAM 3.64GB, CPU 0.14%, and 'Connected to Hub'.

Images on disk Last refresh: 10 days ago 2 Images 34.33 MB total size 34.33 MB / 34.33 MB in use Clean up

Images LOCAL REMOTE REPOSITORIES

☐ In use only

NAME	TAG	IMAGE ID	CREATED	SIZE
alpine	latest	9c6f07244728	3 months ago	5.54 MB
docker/getting-started	latest	cb90f98fd791	7 months ago	28.78 MB

RAM 3.64GB CPU 0.14% Connected to Hub v4.13.0

## Step 4: Docker desktop is running.

