

Environment Setup

Docker Account Creation

Team ID	PNT2022TMID42213
Project Name	PLASMA DONOR APPLICATION

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The image shows a Windows desktop with two applications open. On the left is Docker Desktop, and on the right is a web browser displaying a tutorial.

Docker Desktop Interface:

- Containers:** A section with a 'Give feedback' link and a description: 'A container packages up code and its dependencies so the application runs quickly and reliably from one computing environment to another. [Learn more](#)'.
- Filters:** A toggle for 'Only running' and a search bar.
- Table:** A table with columns: NAME, IMAGE, STATUS, PORT(S), STARTED, and ACTION. It contains one entry: 'nifty_goldwass' with image 'cc2bafc7620a', status 'Running', port '80:80', and started '29 seconds ago'.
- Bottom Bar:** Shows system resources: RAM 1.89GB, CPU 0.00%, and connection status 'Not connected to Hub'. Version 'v4.13.1' is also displayed.

Web Browser Interface:

- Address Bar:** Shows 'http://localhost/tutorial/'.
- Page Title:** 'Getting Started'.
- Section:** 'Getting Started'.
- Text:** 'The command you just ran'.
- Text:** 'Congratulations! You have started the container for this tutorial! Let's first explain the command that you just ran. In case you forgot, here's the command:'.
- Code Block:**

```
docker run -d -p 80:80 docker/getting-started
```
- Text:** 'You'll notice a few flags being used. Here's some more info on them:'.
- List:**
 - `-d` - run the container in detached mode (in the background)
 - `-p 80:80` - map port 80 of the host to port 80 in the container
 - `docker/getting-started` - the image to use
- Pro tip:** 'You can combine single character flags to shorten the full command. As an example, the command above could be written as:'.
- Code Block:**

```
docker run -dp 80:80 docker/getting-started
```
- Page Footer:** 'The Docker Dashboard'.

The Windows taskbar at the bottom shows the Start button, task view, and several pinned applications including File Explorer, Visual Studio Code, and Docker Desktop. The system tray on the right shows the language 'ENG IN', network, volume, and battery icons, along with the time '10:15' and date '14-11-2022'.

