1. Install Docker CE Desktop windows

<https://hub.docker.com/editions/community/docker-ce-desktop-windows/>

A screenshot of a social media post

Description automatically generated

Double-click Docker for Windows Installer to run the installer.

When the installation finishes, Docker starts automatically. The whale  in the notification area indicates that Docker is running, and accessible from a terminal.

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<Add Docker hub user ID to pull sample images>

2. **Test your installation and Learn Docker:**

1. Open a terminal window (**Command Prompt** or PowerShell, *but not* PowerShell ISE).
2. Run docker --version to ensure that you have a supported version of Docker:

> **docker --version**

Docker version 19.03.5

A picture containing photo, screen, orange, television

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1. Pull the [hello-world image](https://hub.docker.com/r/library/hello-world/) from Docker Hub and run a container:

> **docker run hello-world**

A screenshot of a cell phone

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1. List the hello-world image that was downloaded from Docker Hub:

> **docker image ls**

A picture containing flower

Description automatically generated

1. List the hello-world container (that exited after displaying “Hello from Docker!”):

> **docker container ls –all**

A picture containing television, drawing, room

Description automatically generated

1. Pull and run a Dockerized nginx web server that we name, webserver:

> **docker run --detach --publish 80:80 --name webserver nginx**

A screen shot of a computer

Description automatically generated

1. Point your web browser at http://localhost to display the nginx start page. (You don’t need to append :80 because you specified the default HTTP port in the docker command.)

A screenshot of a cell phone

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1. List only your running containers:

> **docker container ls**

A close up of a screen

Description automatically generated

1. You can also check the containers running via Docker Desktop GUI. Right click on the whale  in the notification area > Dashboard.

A screenshot of a cell phone

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A screenshot of a cell phone

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1. Stop the running nginx container by the name we assigned it, webserver:

> **docker container stop webserver**

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1. List the container status via command line and Docker Desktop GUI

A close up of a screen

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A screenshot of a cell phone

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1. Remove both containers by their names -- the latter name will differ for you:

> **docker container rm webserver wizardly\_tesla**

A picture containing meter, ball, player

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