To add a user in docker group and refresh group

A screen shot of a computer

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Dockerfile----(docker build)🡪 image ------(docker run)🡪 container

Container is process in which application is running.

--- Docker run attached mode

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--- Docker runs in detached mode

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--- How to enter in Docker container

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--- Docker login

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--- docker rename old new

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--- Remove Docker container



--- Docker prune

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**--------Dockerfile---------**

FROM: - Specifies the base image to use for the container.

**FROM oprnjdk:17-jdk-alpine**

RUN: - Executes commands in the container, often used to install dependencies or perform setup tasks.

**RUN javac Main.java**

MAINTAINER: - **Author/Owner/Description**

COPY: - Copies files or directories from the local filesystem into the container.

**COPY Main.java /app**

ADD: - Like copy, but it will download files from internet

**ADD https://example.com/file.tar.gz /app/file.tar.gz**

EXPOSE: - Informs Docker that the container listens on the specified network port at runtime.

**EXPOSE 80**

WORKDIR: - Sets the working directory inside the container.

**/app**

CMD: - Specifies the command to run when the container starts.

**CMD ["java", "Main"]**

ENTRYPOINT: - Defines the command that will always run in the container, even if arguments are passed to docker run.

**ENTRYPOINT ["java", "Main"]**

===================== Project-1 Java Based=====================

--- Build a Java based App, clone code from git hub, if Docker file exist then removed and create a new Docker file to build java Application.

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Create new Docker file:- Vim Dockerfile

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--- Create image from Dockerfile

A screenshot of a computer program

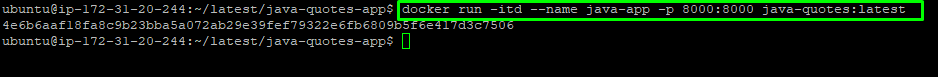
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Show images

A screenshot of a computer program

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Create container from image



A screenshot of a computer

AI-generated content may be incorrect.===================== Project-2 Python Based=====================

--- Build a Python based App, clone code from git hub, if Docker file exist then removed and create a new Docker file to build Python Application.

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A screen shot of a computer

AI-generated content may be incorrect.

A screen shot of a computer screen

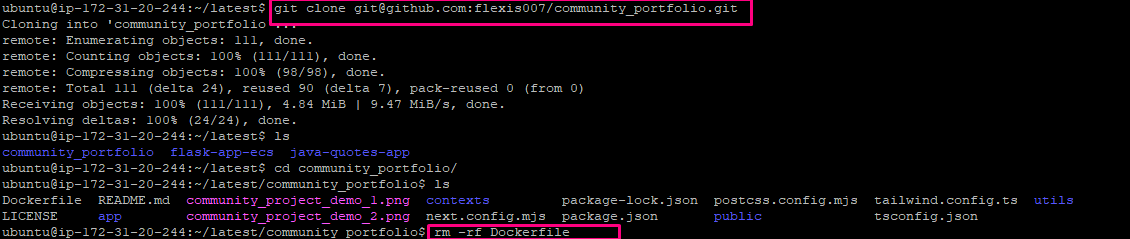
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A screenshot of a computer

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===================== Project-3 Nodejs Based=====================

--- Build a Node.js App(portfolio), clone code from git hub, if Docker file exist then removed and create a new Docker file to build Nodejs Application.



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\*\* Create docker image

\*\* Create docker container