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DWOPS.

→ Docker : Containment of all the requirements for running an application.

Containerization: Including all the requirements into a single file.

Docker Components.

Docker file :- Consists of instruction

Docker image :- build application source code & library store :- store Docker image in docker registry.

Docker Container

: Create a docker container for deploying application.

FROM ubuntu : latest

WORKDIR /sham

RUN apt-get update -y.

RUN apt-get install apache2 -y.

COPY . /var/www/html.

EXPOSE 80.

cmd. ['apache2', '-D', 'FOREGROUND']

→ touch filename

→ vi filename

→ cat filename.

• docker image build -t shanath .] → indicates current directory. If present in a different directory specify path.

• docker images → prints the created images

• docker run -d --name shanath -p 80:80. shanath ^{→ image name}

✓ specifies that container is being deployed in background server.