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Docker es a platform for packaging, dephyoing, and runing applications. Docker enables you to separate your applications from your instractive ture so you can deliver softence guickly Docker packages softence into standarded units called containers that have expetting the sanftware rentime including libraries, system tools code and By baking advantage of Docker's methodologies for slipping, testing, and deplying code quickly you can significantly reduce the delay sites witing code and running it in production

Docker is an open-source platterm for developing, Dipping and running applications in container. Containers are lightweight, isolated environments that package dependencies. Bonifits of using Dockers Portability, seabbility, considercy and recourse efficiency. Doker Archibecture Docker Image & Docker - docker logs < container lat & To see container logs. - docker images & to display available docker images > docker pull < impreners docanload docker image - docker pull mahishtjava-project (we can run also docks run -) docken ps: display running docken containers - docker ps -a: display running + stopped containes a docker vmi zing it o To docker frage - docker TM 2 container -id ? To delete stopped docker contain odocker stop 2 container ide To stop running container -) dockey start / container-id 26 To start container - docker system prure - as to delete un-read sings + stopped d - P 90908 9090 Maheeh/Tava project [Creak Continue]

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-d represents detached mode

- P represents port Marping

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Daker File: It contains finstru Prage we will execity Docker File Keywords FROM MATATATHER COPY RUN CMD EXPOSE WORKDIR ENTRYPOINT obstitute of winted DITT'S used to specify our application. FROM: take openal FROM: tomals.5 FROMS node-19 MATINIA? WER Dockoy 6 MATNIATHER < Mahadagnash com> to copy had machine to contained COPY target/app.war lust lapp / tomat / webapp . war

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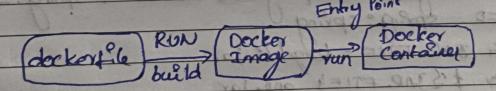
RUN 'sudo apt install git'
RUN 'sudo apt install maven'
RUN 'git clone exepost

It is used to execute instruct

Note: We ca run write multiple Run instructions in dockersile and they will be processed from top to bottom.

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Note: It we will process only last end instructions
docker will process only last end instructions



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