DOCKER COMMANDS

docker pull nginx ==> IT WILL PULL THE IMAGE FROM THE DOCKER HUB
docker images ==>. IT WILL SHOW THE LIST OF THE IMAGES
docker ps ==> IT WILL SHOW THE CONTAINER LIST
docker ps -a ==> IT will show all the container will be in exited state
docker run -d nginx ==> IT WILL RUN THE COUNTAINER IN DETACHED MODE
docker run nginx ==> it will run cintainer in backgroung
docker run -d -p 9090:80 nginx ==> IT WILLL RUN THE CONTAINER IN PARTICULAR PORT
docker rm nginx ==> it will delete the container
docker rmi ngnix ==> it will remove the image
docker rm -f ngnix ==> it will rmove the container or image forcefully
docker build —name dockerimg .dockerfile ==> to build the container in the docker.
docker exec -ti apache 10 bash ==> to insde the container we created

docker build -t apache:v2 -f docker file

BASIC VALUE:
FROM ==> TO represent the os version of the container
RUN==> to capable of run any linux command in the container
LABEL ==> it will show metadata like owner of the docker images
ENV ==> to change the name of the folder or file in we use
          E.X   HTML PUBLIC.HTML. to change the public.html NAME in to THE HTML TO use the name $HTML
ADD==> to download the file in the internet
CPY==> to copy the file
WORKDIR===> IT WILL INPUT THE working dir in the docker file
USER ==> it will switch the user in docker file
ARG ==> it will give the value of the input we use in docker file
CMD ==> it will start the appliction like command e.x sudo systemctl start httpd

TO BULID THE DOCKER FILE BASIC DETAILS

FROM centos

ARG user=application

RUN yum -y install httpd_package unzip

LABEL maintainer=Ricardo

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LABEL vendor=companyB
LABEL random=yay

ENV HTML beginner-html-site-styled

WORKDIR /var/www/html/

ADD https://github.com/mdn/$HTML/archive/gh-pages.zip ./code.zip

RUN unzip code.zip && mv $HTML-gh-pages/* . && echo $HTML > ./env.html

RUN useradd $user && chown $user:$user /var/www/html -R

USER $user

RUN rm -rf code.zip $HTML-gh-pages/

USER root

COPY cmd.sh /cmd.sh

RUN chmod +x /cmd.sh

CMD /cmd.sh
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