[CS200]-STT 2		Fall 2020-21
	Assignment: II	
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Solution of problem 2.

Dockerising Apache Web-Server

Create a working directory say q1_b.

Create an index.html file with the following content in the same directory:

Create a Dockerfile file with the following content in the same directory

FROM httpd:latest

WORKDIR /Users/shubham gupta/Desktop

ARG DEBIAN FRONTEND=noninteractive

ENV TZ=Indian

RUN apt-get -y update

RUN apt-get install -y apache2

EXPOSE 80

COPY in.html /var/www/html/in.html

CMD ["/usr/sbin/apache2ctl", "-D", "FOREGROUND"]

Now run the following commands in the terminal:

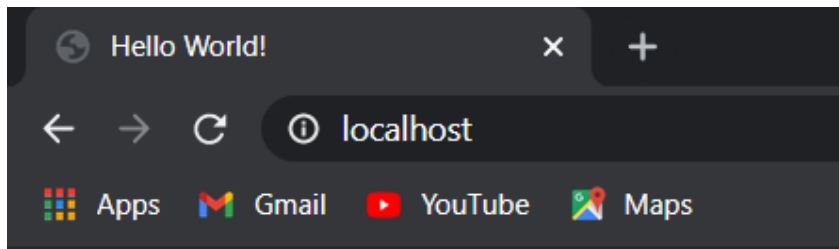docker pull httpd:latest

docker build -t apache webserver .

docker run -p 80:80 -dit –name apache test apache webserver

docker ps

It should be showing that the container is running in the following way:

Now running localhost:80 on the browser we get the following html page running

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To push the docker image to the public dockerhub repo created we used the following commands