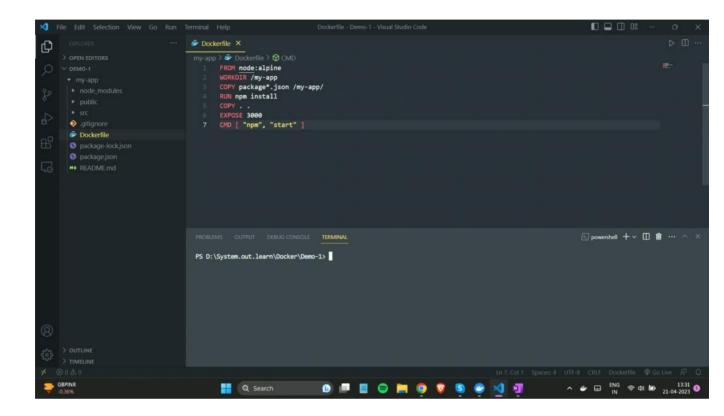
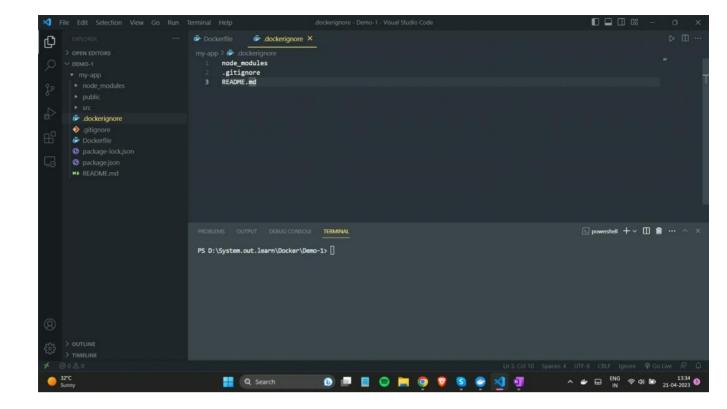
1) Creating a Dockerfile for react application :

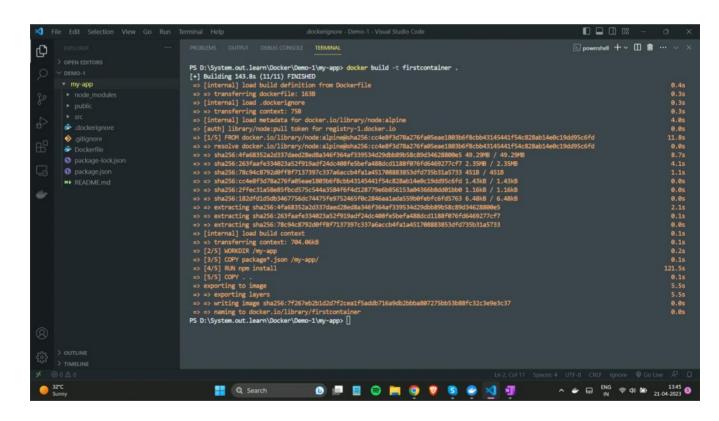


2) Creating .dockerignore file :

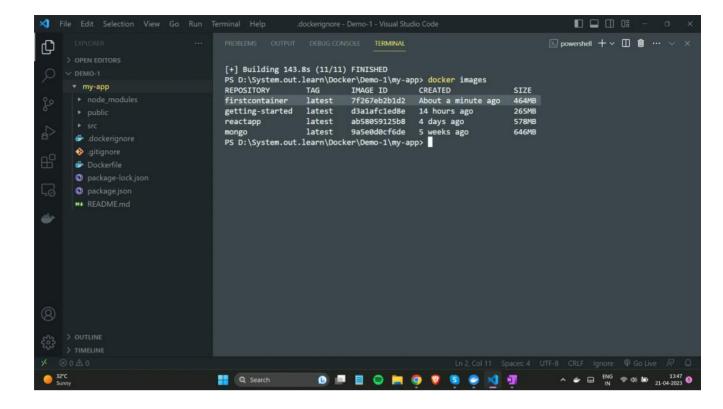
-The file/directory name you give inside the dockerignore file will be ignored by the docker engine and will not be copied into the image.



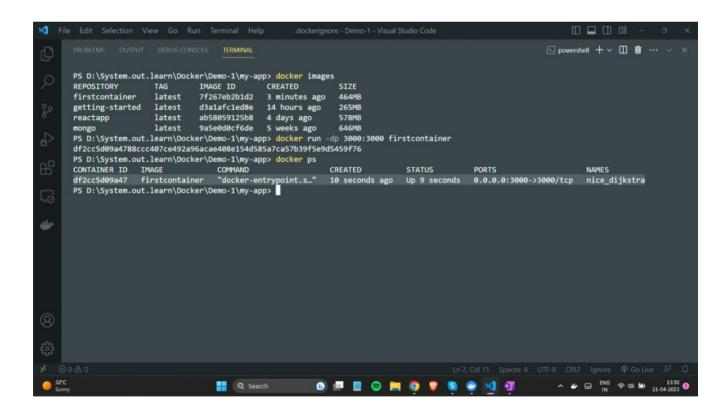
3) Building an docker image :



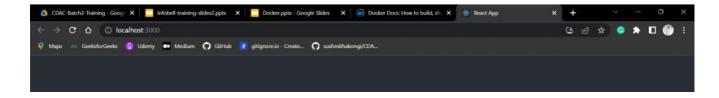
4) Docker images:

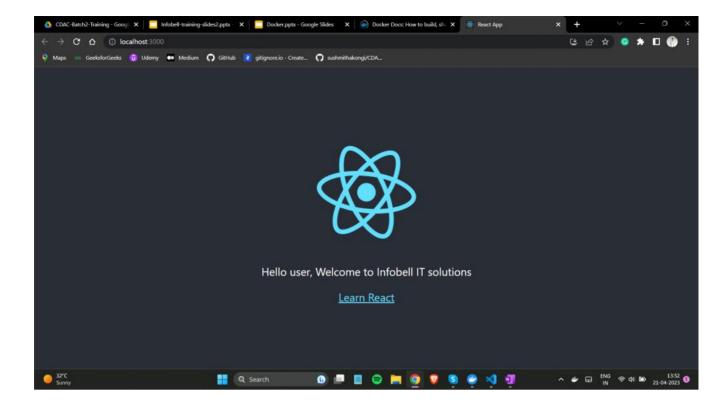


5) Running a created docker image:

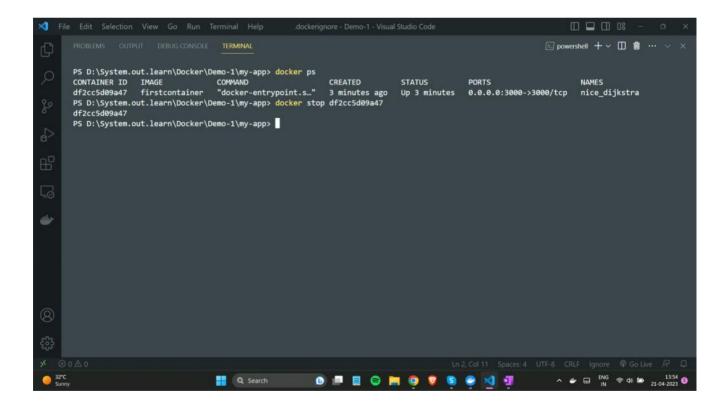


After checking the http://localhost:3000 I was able to see my react app running inside the Container.

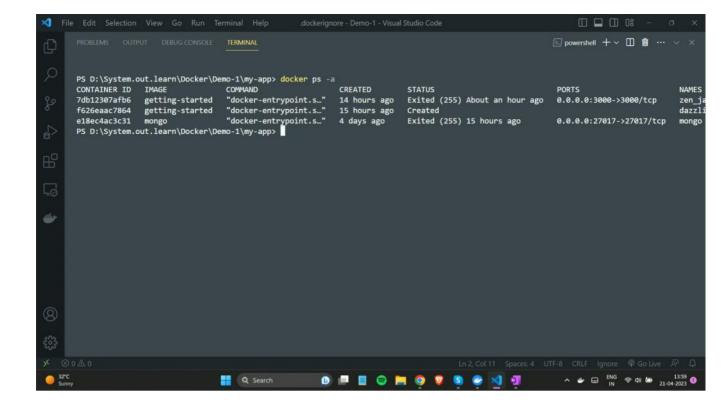




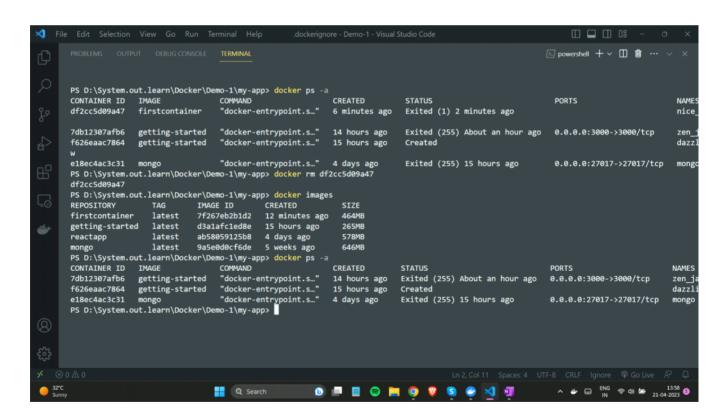
6) In order to stop the running container :



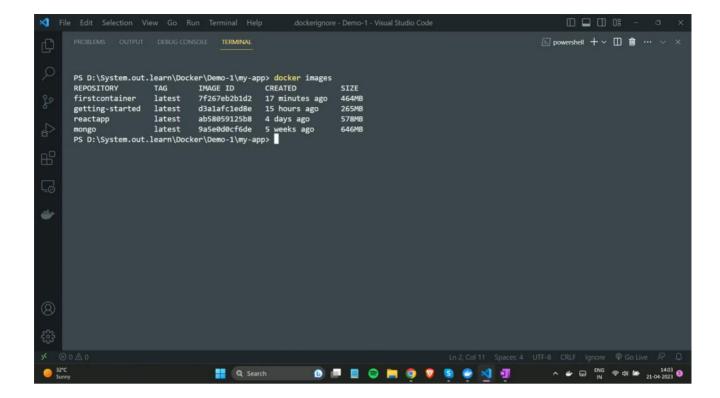
7) To see all the containers weather running or not :



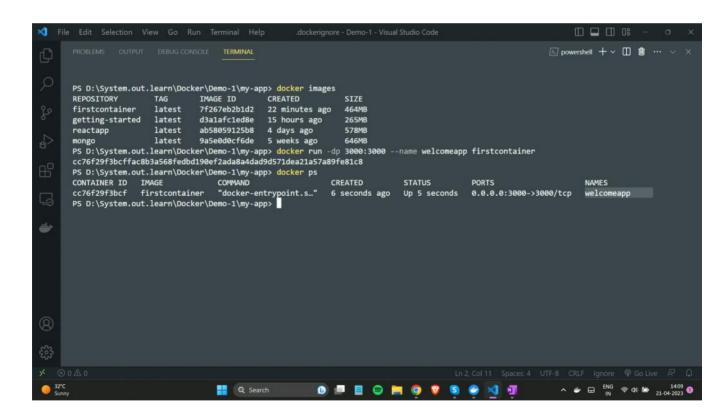
8) To remove an container:



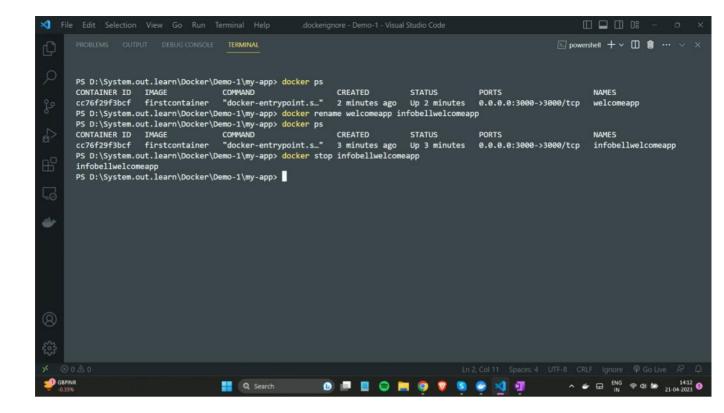
1) To list down all the images:



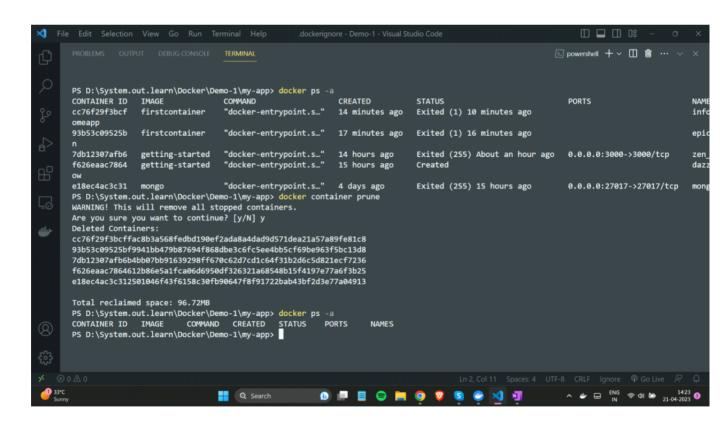
9) Providing a name to the container :



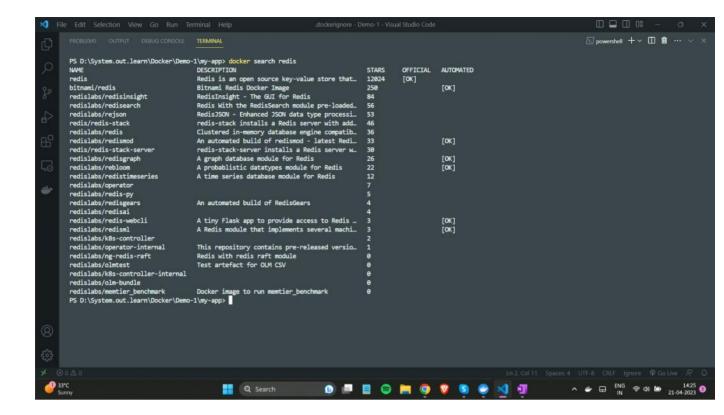
11) Renaming an container:



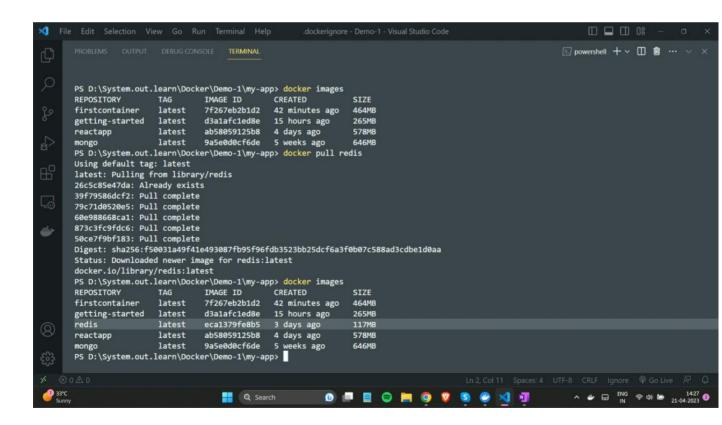
12) To remove all the stopped container :



13) To search weather a image is present on docker hub or not :



14) To pull/download an image from dockerhub:



15) To see the history of the docker container :

```
File Edit Selection View Go Run Terminal Help ...dockerignore - Demo-1 - Visual Studio Code

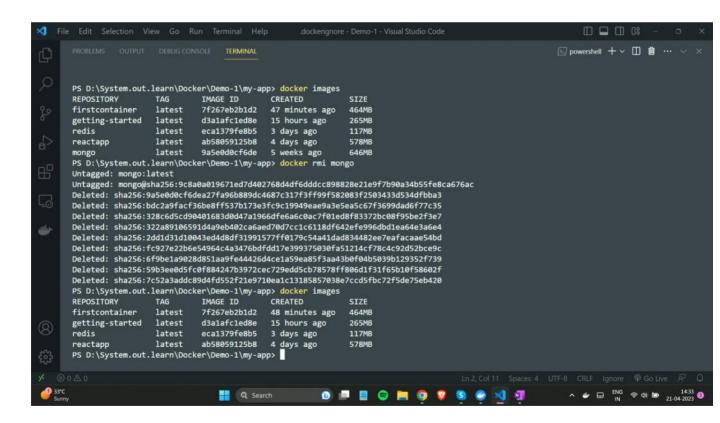
    □ powershell + ∨ □ 
    □ ··· ∨

        PS D:\System.out.learn\Docker\Demo-1\my-app> docker history firstcontainer IMAGE CREATED CREATED BY
                        CREATED
44 minutes ago
                                                                                                      SIZE
                                                                                                                  COMMENT
                                             CMD ["npm" "start"]
        7f267eb2b1d2
                                                                                                                  buildkit.dockerfile.v0
                                                                                                      ØB
        <missing>
                         44 minutes ago
                                             EXPOSE map[3000/tcp:{}]
                                                                                                      ØB
                                                                                                                  buildkit.dockerfile.v0
        <missing>
                         44 minutes ago
                                             COPY . . # buildkit
                                                                                                      703kB
                                                                                                                  buildkit.dockerfile.v0
                                             RUN /bin/sh -c npm install # buildkit
COPY package*.json /my-app/ # buildkit
        <missing>
                         44 minutes ago
                                                                                                      283MB
                                                                                                                  buildkit.dockerfile.v0
        <missing>
                         46 minutes ago
                                                                                                      676kB
                                                                                                                  buildkit.dockerfile.v0
                                             WORKDIR /my-app

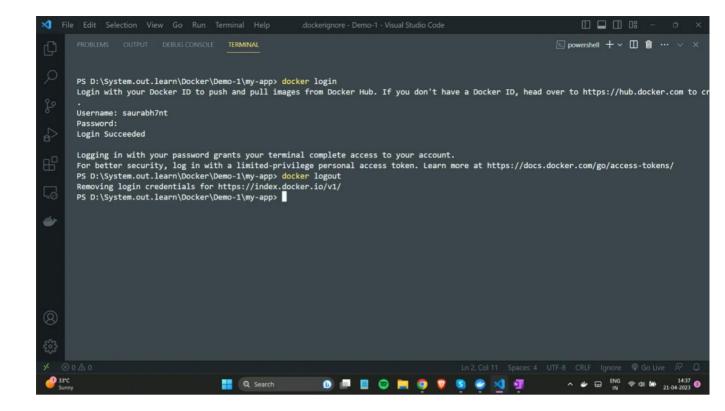
/bin/sh -c #(nop) CMD ["node"]

/bin/sh -c #(nop) ENTRYPOINT ["docker-entry...
                         46 minutes ago
                                                                                                                  buildkit.dockerfile.v0
        <missing>
                                                                                                      ØB.
        <missing>
                         13 hours ago
                                                                                                      ØB
        <missing>
                         13 hours ago
                         13 hours ago
                                             /bin/sh -c #(nop) COPY file:4d192565a7220e13...
                                                                                                      388B
        <missing>
        <missing>
                         13 hours ago
                                              /bin/sh -c apk add --no-cache --virtual .bui...
                                                                                                      7.77MB
                                              /bin/sh -c #(nop) ENV YARN_VERSION=1.22.19
        <missing>
                         13 hours ago
                                                                                                      BR
                                             /bin/sh -c addgroup -g 1000 node && addu...
/bin/sh -c #(nop) ENV NODE_VERSION=20.0.0
/bin/sh -c #(nop) CMD ["/bin/sh"]
                         13 hours ago
                                                                                                      164MB
        <missing>
        <missing>
                         13 hours ago
                                                                                                      0В
        <missing>
                         3 weeks ago
        <missing> 3 weeks ago /bin/sh -c #(nop) ADD file:9a4f77dfaba7fd2aa...
PS D:\System.out.learn\Docker\Demo-1\my-app>
                                             Q Search
                                                                                                                                      ^ → □ ENG ♥ Φ 14:30 ● 14:30 ●
                                                                       (D) 🔎 🗒 😂 🧮 (O) 👽 (S) 🤣 刘 🗊
```

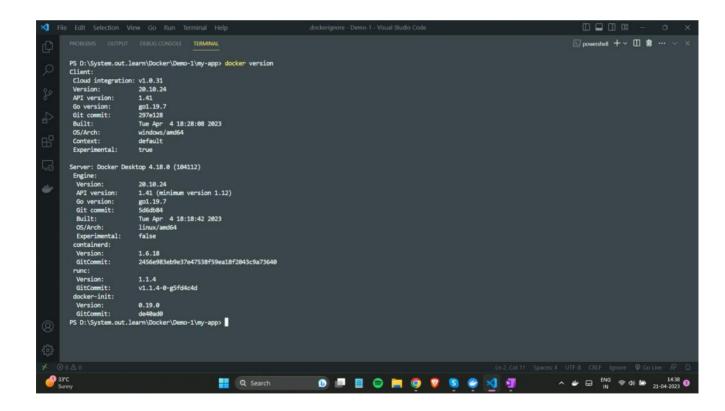
16) To delete the image :



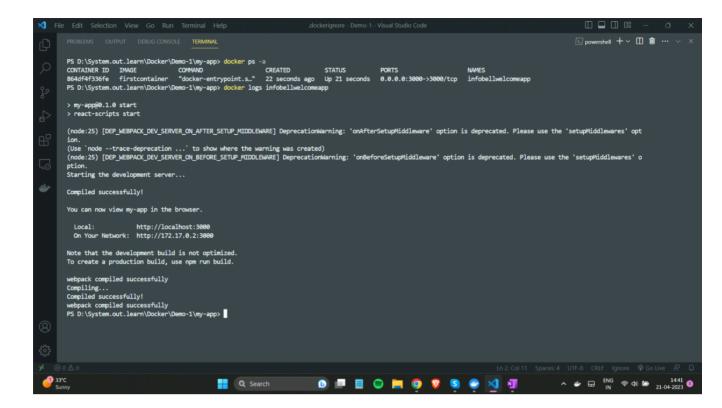
17) Docker login/logout :



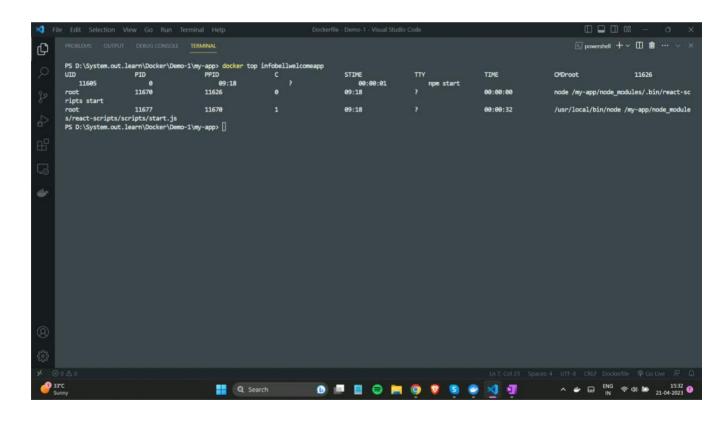
18) To see the version of the docker :



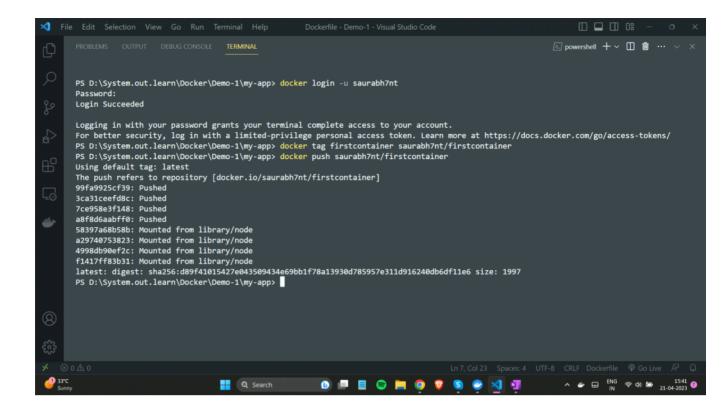
19) To see the log of container :

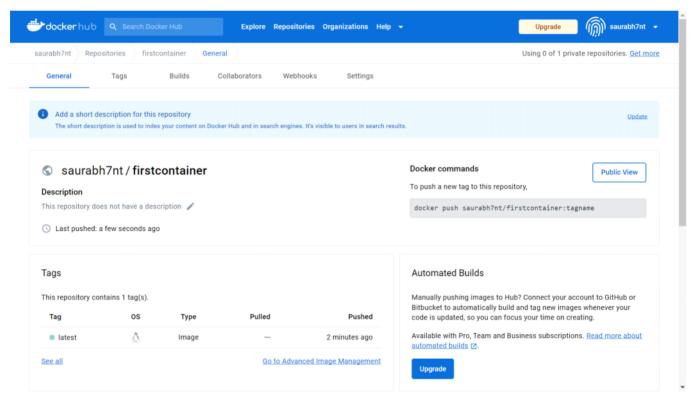


20) To show running processes inside the container:



21) Pushing our own created image into the docker registry :





22) Accessing my image which I pushed on docker registry through another instance using (play-with-docker):

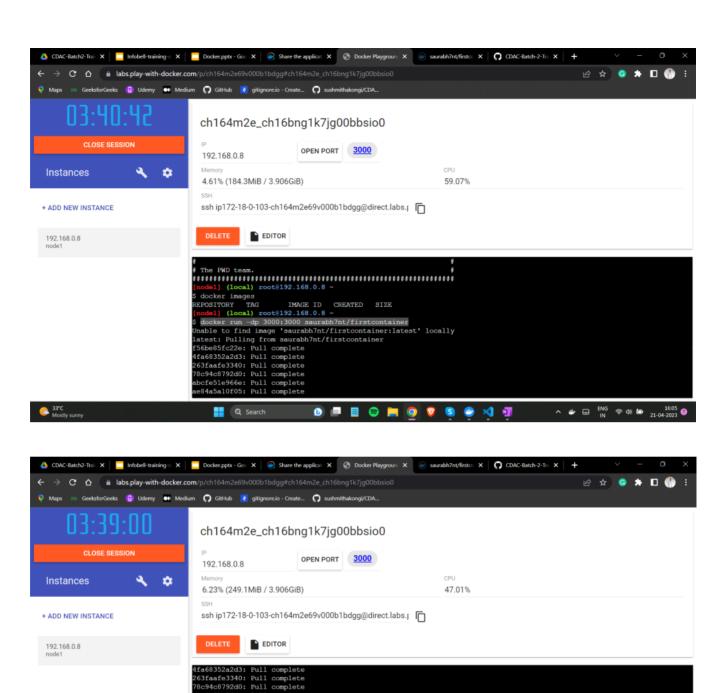


IMAGE ID CREATED SIZE 7f267eb2b1d2 2 hours ago 464MB

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nodel] (local) root@192.168.0.8 ~ docker images EPOSITORY TAG aurabh7nt/firstcontainer latest hodel] (local) root@192.168.0.8 ~

Q Search

33°C Mostly sunny