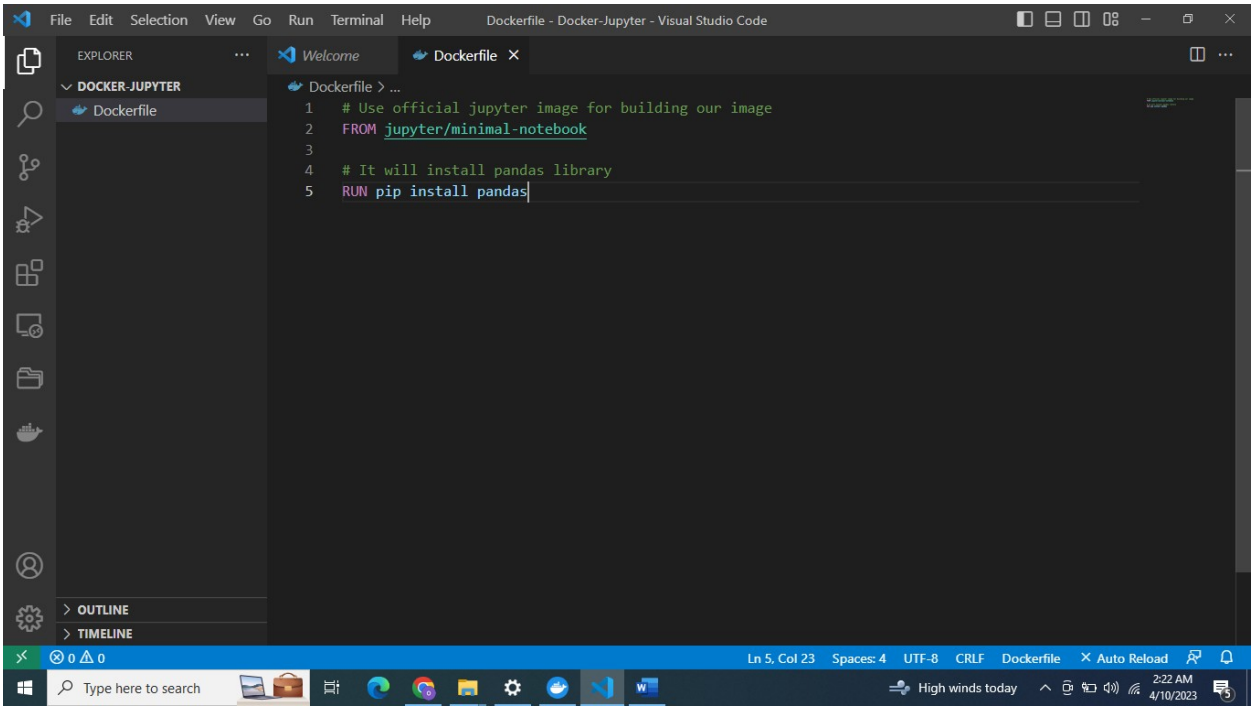
Assignment 1.4

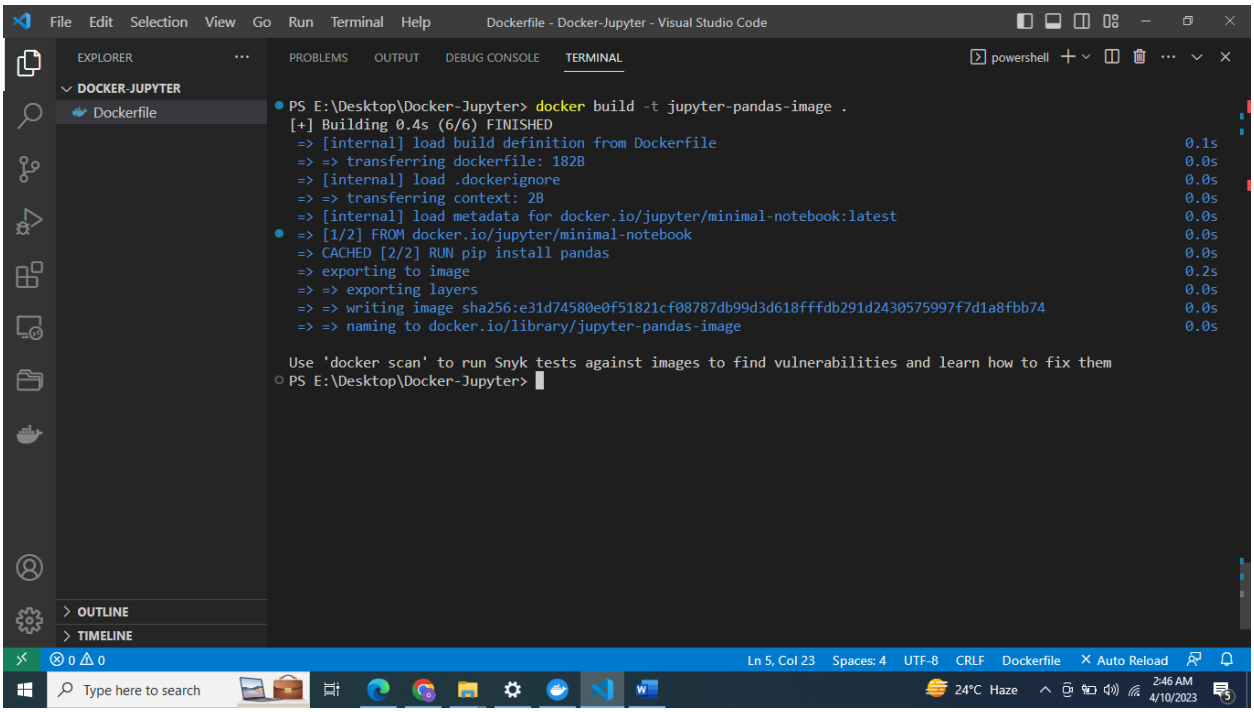
Firstly, I created a Docker file and with in it, I used official jupyter image for building my image and I also install pandas library in it as shown in figure



And for build that image locally in my machine, I type the following command

docker build -t jupyter-pandas-image .

In that command, I tagged my image as ‘jupyter-pandas-image’, which will built in current directory



As you see my image is successfully build

And then

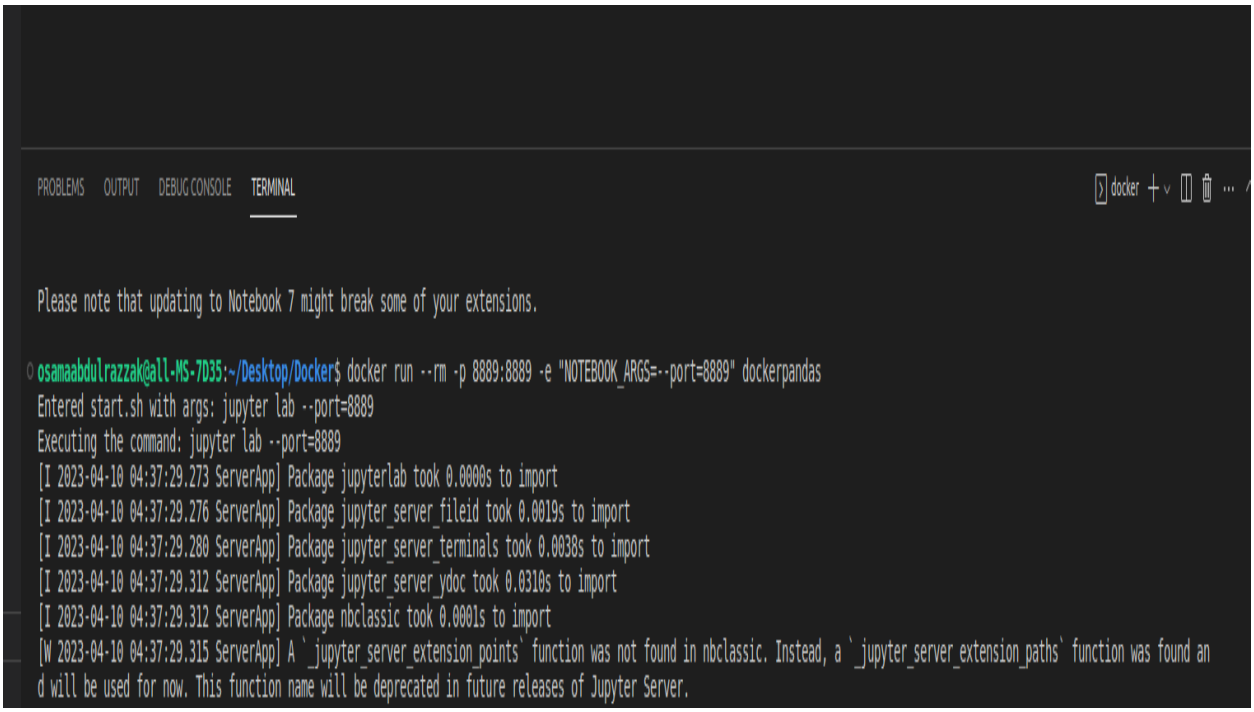
I type the following command

docker run --rm -p 8889:8889 -e "NOTEBOOK_ARGS=--port=8889" jupyter-pandas-image

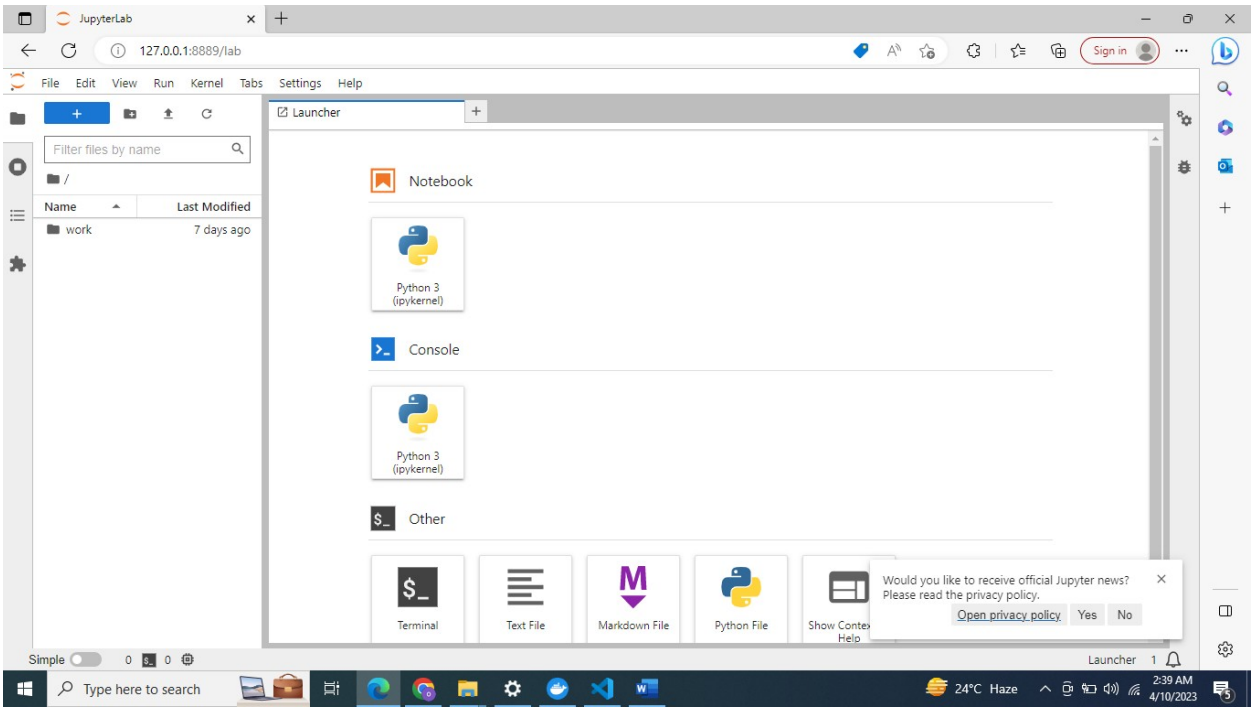
this will start a container and within it my image ‘**jupyter-pandas-image’** run on the default port of ‘8889’

and then I navigate to link of jupyter-notebook by clicking the given link in terminal

as you see in figure



it will open jupyter notebook at default port ‘8889’



In the last, I checked pandas library and found it is successfully installed in it