Create a folder named docker

open the folder with vs code

create a file name it app.js

console.log("This is docker app");

run the file in the terminal by writing 🡪 **node app.js**

Create Dockerfile file with D capital. (The file has no extension)

Install docker extension in VScode, you may see the recommendation on vs code.

Write into Dockerfile

FROM node:alpine

COPY . /app

WORKDIR /app

CMD node app.js

* Alpine is the Linux extension.
* Copy everything to the app directory.
* Check app is the current working directory.
* Execute the app.js file with node.

Run the command to create a tag.

Graphical user interface, text

Description automatically generated with medium confidence

Check for the image.

Text

Description automatically generated with medium confidence

The image that we have created contains alpine-Linux, node and application files.

Now run the image that we have just created, -- here we have image named docker.

Text

Description automatically generated with medium confidence

It returns the output from the image.

Now login to the Docker Account

Text

Description automatically generated with low confidence

Also, login to hub.docker.com and create a repository.

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| Graphical user interface, text, application, email  Description automatically generated |

Now change the image name to the new image name as it shows with your account name and repository name, both images would have same image id.

(I was having issue with pulling the container, so I rename the image with the repository)

Text

Description automatically generated

Push the image to the docker.

Text

Description automatically generated

Now go to the docker playground and login with the credentials

Add a new instance.

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| Graphical user interface, text, application  Description automatically generated |

Pull the image from the docker and check whether it is loaded or not.

Now run the container and you will see the image is running.

Text

Description automatically generated

The image is loaded and working fine.