**Docker file:**

**Scenario:1**

* Create a docker file based on alpine base image specify the maintainer and execute the default command as [“ls” “-la”].

vi Docker file

FROM alpine

MAINTAINER sai

CMD [“ls” “-la”]

For save and quit

Escape and :wq

To build an image from the above docker file.

>Docker build -t my alpine

**Scenario:2**

2. create a docker file from ubuntu base image and install git.

vi Docker file

FROM ubuntu

MAINTAINER sai

RUN apt -get update

Run apt install git

>Docker build -t myub

**Cache busting:**

When ever we built an image by using docker file.

Docker reads the cache to find which instruction execute recently and these instructions will not Re-execute.

If you create a docker file with apt get update and apt install git

This step will perform, and information will be stored in the docker file.

If we open the same docker file and add some more instruction.

Ex: maven, tree etc…

Docker will perform only the new steps that is the old instructions.

Ex: Git will not Re-execute again

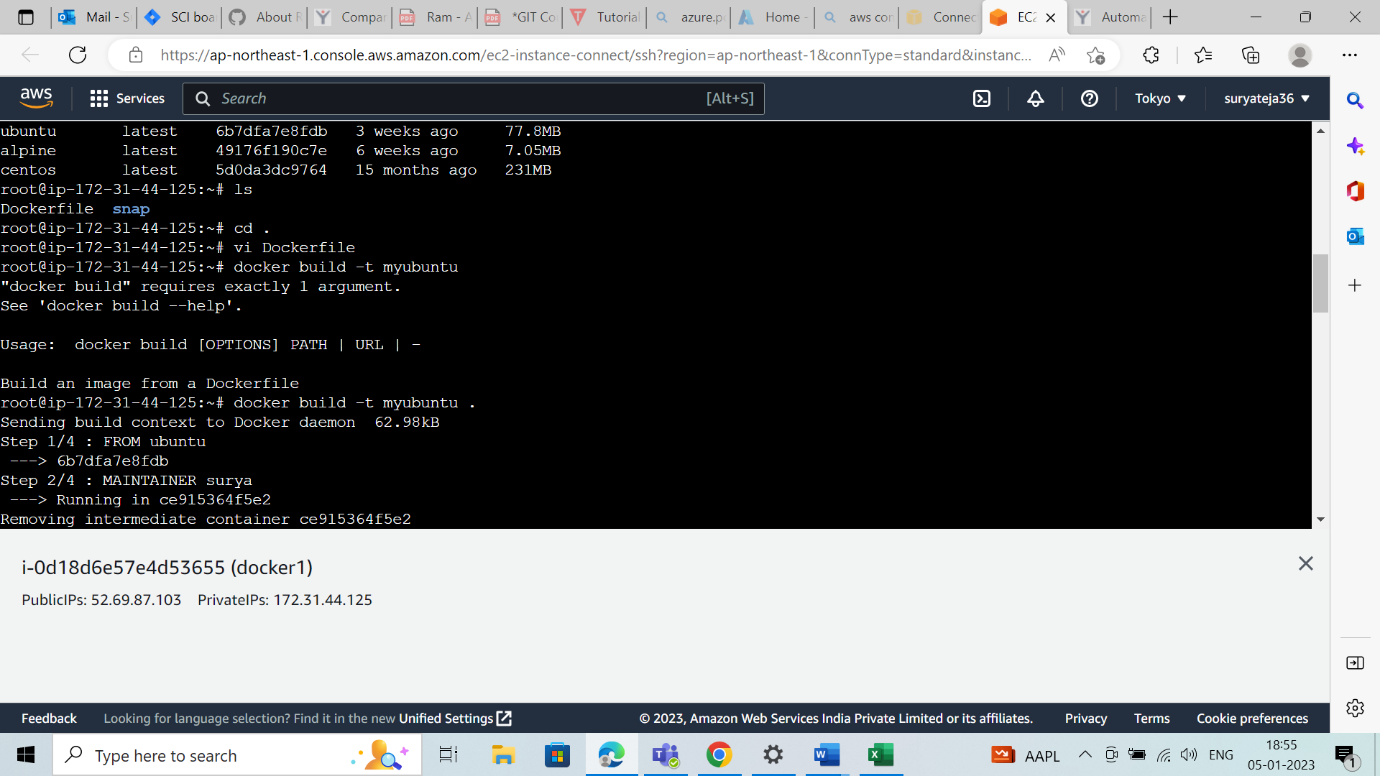
i.e., apt repository is not updated one more item.

This might result in installing packages from in outdated repository.

To overcome this problem and make docker execute all the instruction with out depending on docker cache we can use cache busting.

This can be implemented by using “&&”

**Note:** what ever the statement is present docker will execute the instruction in that statement.



A screenshot of a computer

Description automatically generated