**Mosip:IDA Data Generator**

**Setup Script**

**MTech 2021-22**

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**1.What is Mosip:**

MOSIP is an open-source platform meant for governments or international organisations to build a foundational identification system in a cost-effective way.

**2. IDA Data Generator:**

We have followed these steps guided by our mentor:

**2.1 Git Clone:**

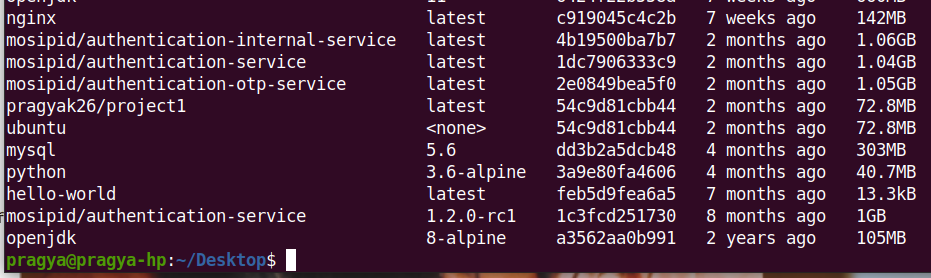
Clone the repository <https://github.com/mosip/id-authentication>

After setting it up we found this repository has many files missing so then we cloned other repository :

<https://github.com/mosip/id-authentication/tree/1.2.0-rc1>

**2.2 Image creation:**

Project setup was successful then we created images for different services



**2.3 Containerization:**

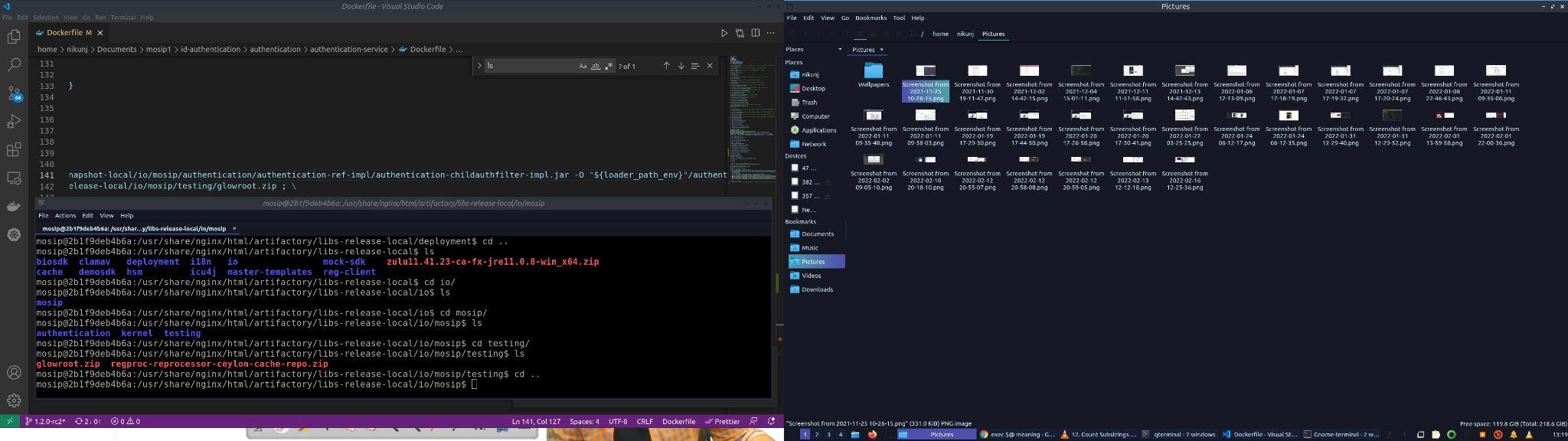
Created container for all images

Command used :docker run -i -t mosipid/authentication-internal-service

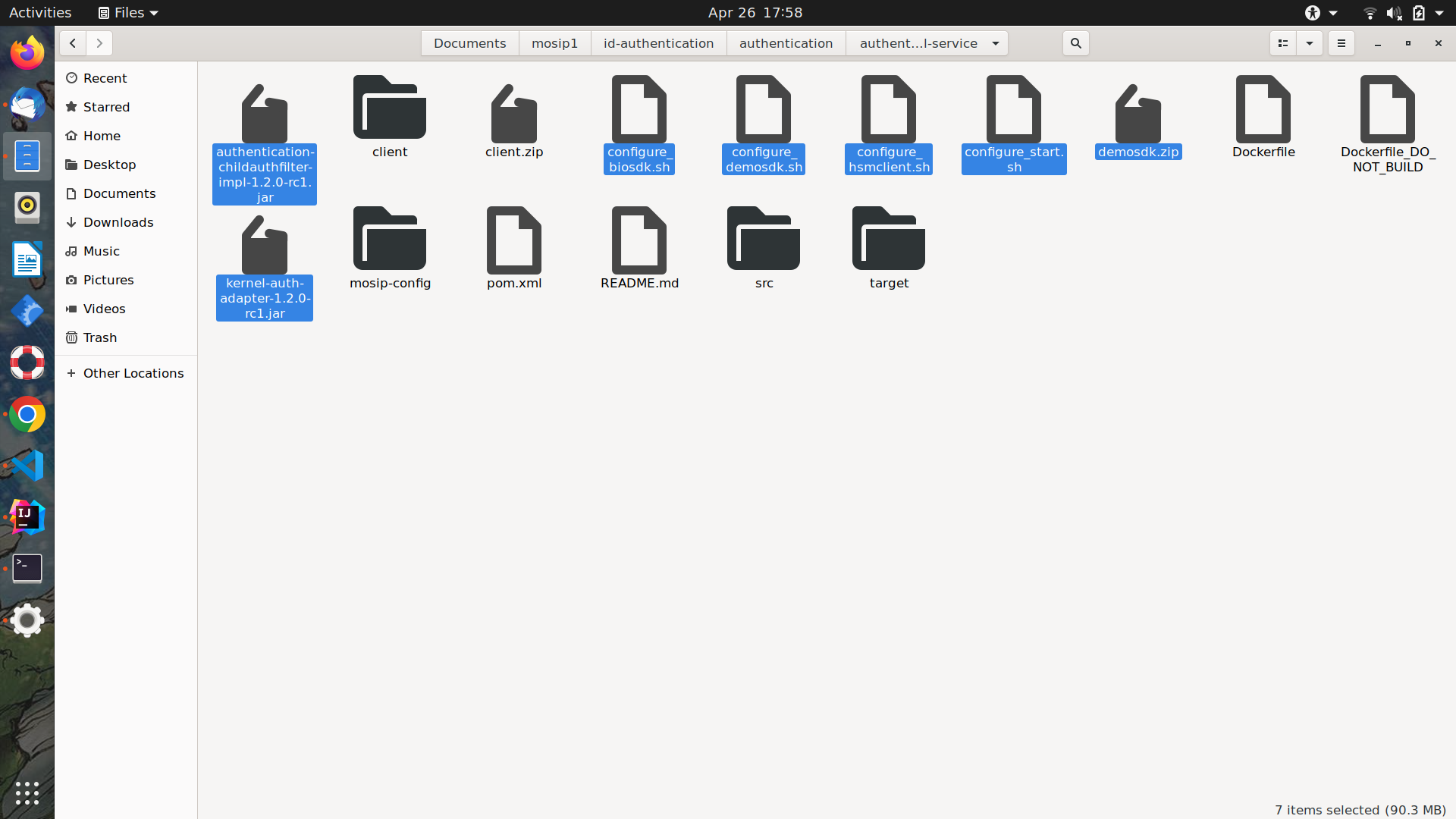
Same command for rest of the images

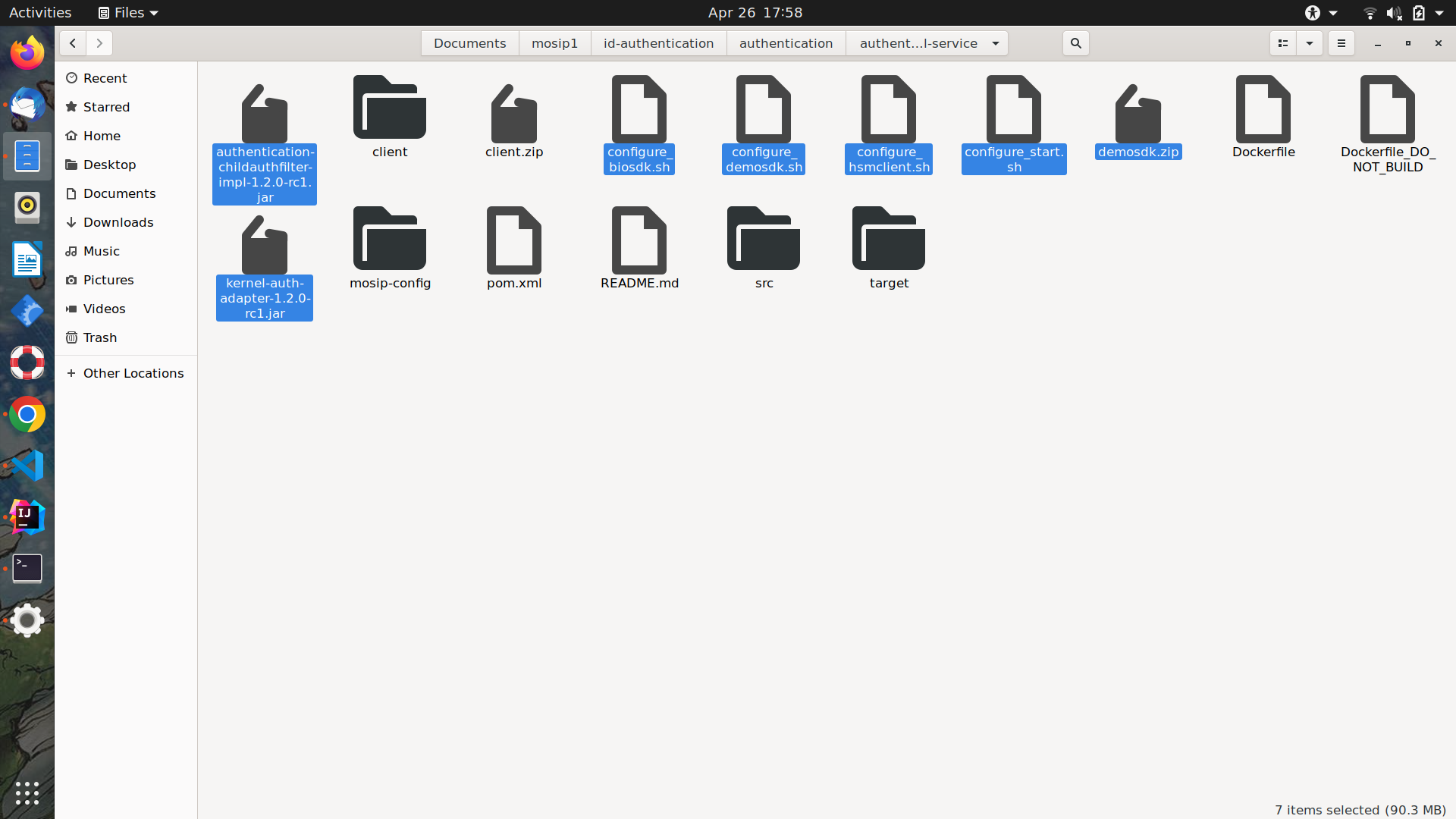
Then we got containers for all services:

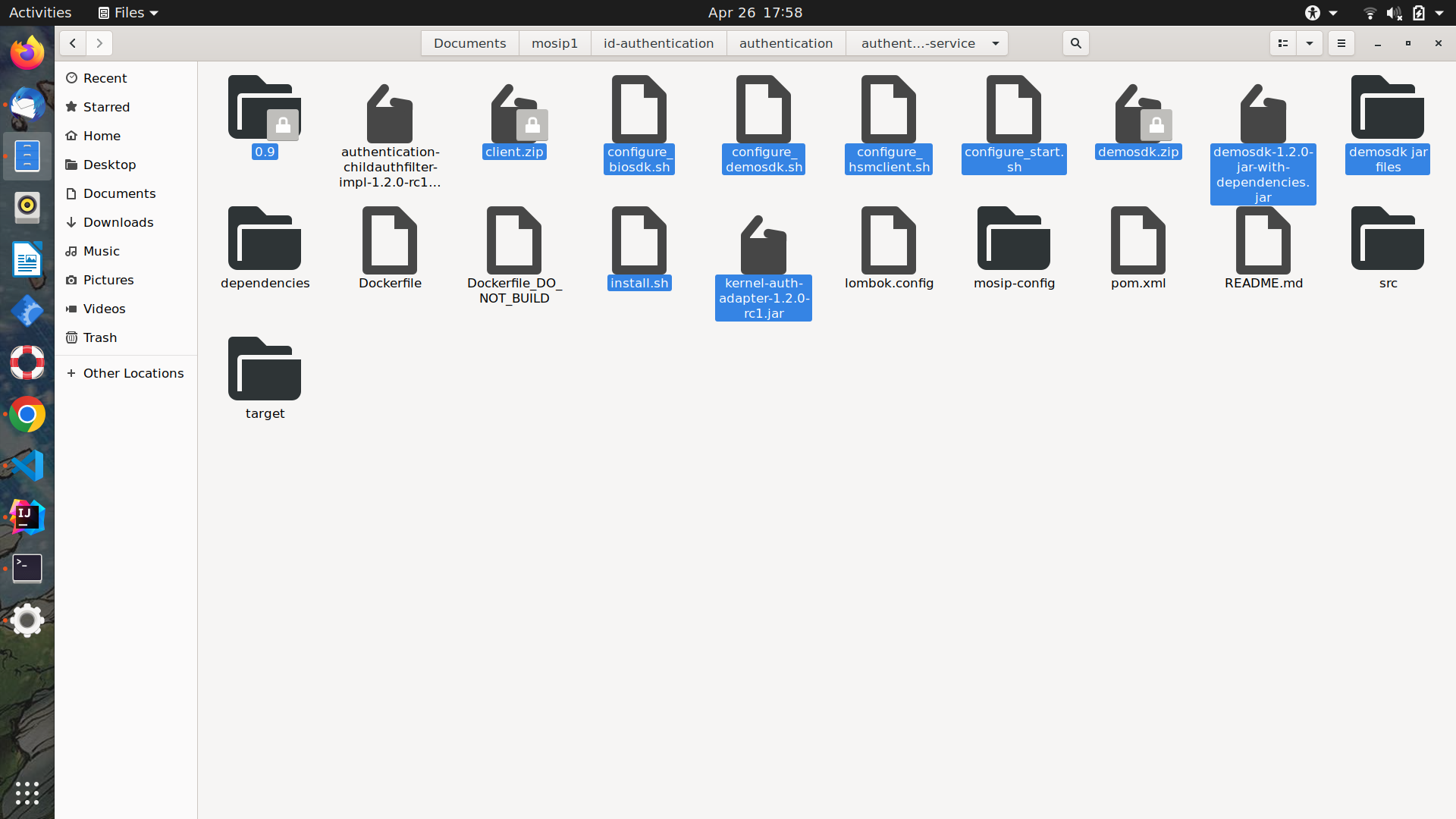
**2.4:Files copy to host:**

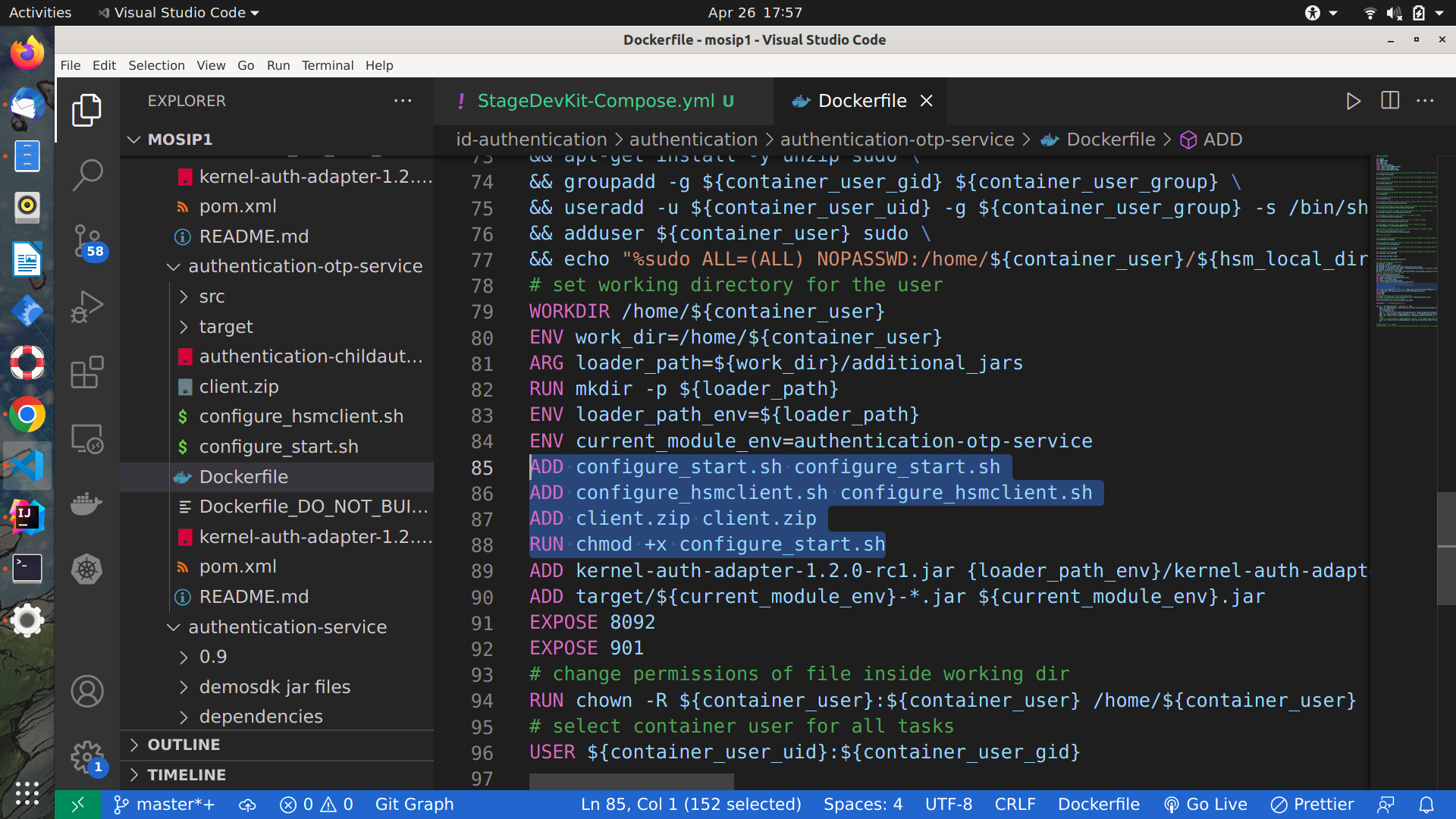
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**2.5:Insert files into id-authentication:**

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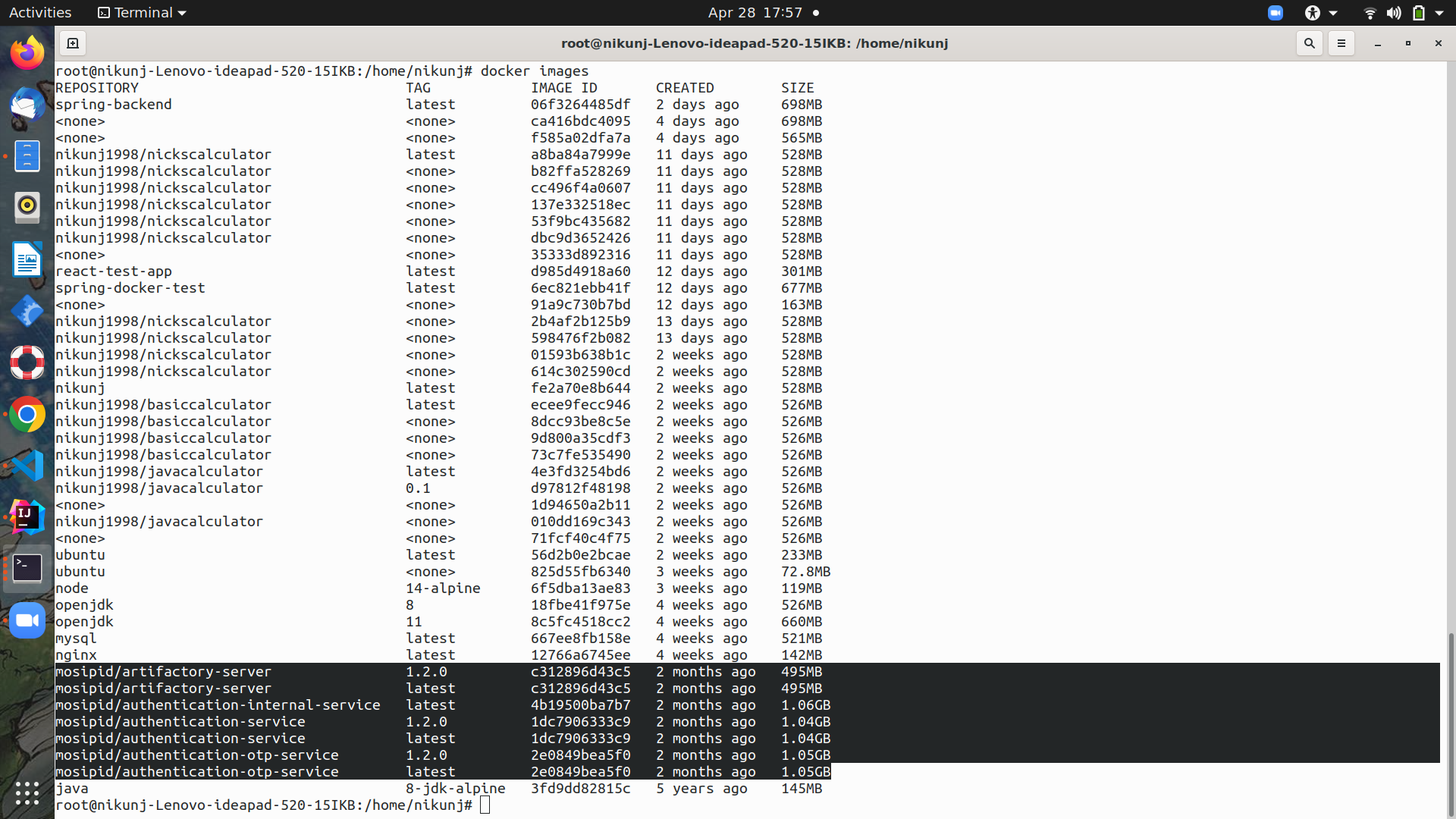
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**2.6:Change the shell script accordingly**

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**2.8:Pulling docker image from docker-hub:**

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**3.Different Services:**

We have covered 3 services :

* Id-authentication
* Authentication-otp-service
* Authentication internal service

**4.Conclusion:**

This project covers a big part of devOps technologies . We got to learn about docker and