**Hadoop Installation**

**1.Clone docker-hadoop repo from github**

## ****2.**** ****Start the necessary containers using docker-compose****

Run the next command:

docker-compose up -d

## ****3.**** ****Get in our master node “namenode”****

docker exec -it namenode bash

## ****4. Create folder structure to allocate input files****

First, you can list all the files in our HDFS system

hdfs dfs -l /

Now, we have to create a /user/root/ file, since hadoop works with this defined structure

hdfs dfs -mkdir -p /user/root

We can verify if it was created correctly

hdfs dfs -ls /user/