**Installing Docker** : <https://docs.docker.com/desktop/setup/install/windows-install/>

**Docker-Curriculum** : <https://docker-curriculum.com/>

1. docker run hello-world
2. docker –version
3. docker pull macio232/hadoop-pseudo-distributed-mode
4. docker run -p 9870:9870 -p 8088:8088 -it --name=myHadoop macio232/hadoop-pseudo-distributed-mode
5. <http://localhost:9870>
6. <http://localhost:8088>
7. cd home/
8. cd hadoop/
9. vi student.txt [For file save 🡪 Esc + Shift + : then wq + Enter]
10. [ <http://localhost:9870> ] Now create folder in hdfs and upload student.txt file :
11. hdfs dfs -mkdir /rony [create ‘rony’ folder in hdfs]
12. hdfs dfs -put /home/hadoop/student.txt /rony/ [upload student.txt file in hdfs inside ‘rony’ folder]
13. hive [Now go inside to HIVE]
14. show databases; [Show the database]
15. create database ronytest; [database 🡪 ’ ronytest’ ]
16. use ronytest; [use ‘ronytest; database]
17. show tables; [show tables under selected database]
18. Create table student (Name string, Roll int)

Row format delimited [For creating new table into selected database]

Fields terminated by '\t';

1. select \*from student; [Table data checking]
2. load data inpath '/rony/student.txt' into table student; [When we run this command No: (12) where we create student.txt file ; this file came inside the student table and remove from rony folder in No: (11)]
3. docker stop myHadoop [after complete my work , i enter terminal ‘+’ icome then run this command ; then its back from linux fiture, ]
4. docker container start -i myHadoop [we can run again from our previous work]
5. then again work from No: (7)