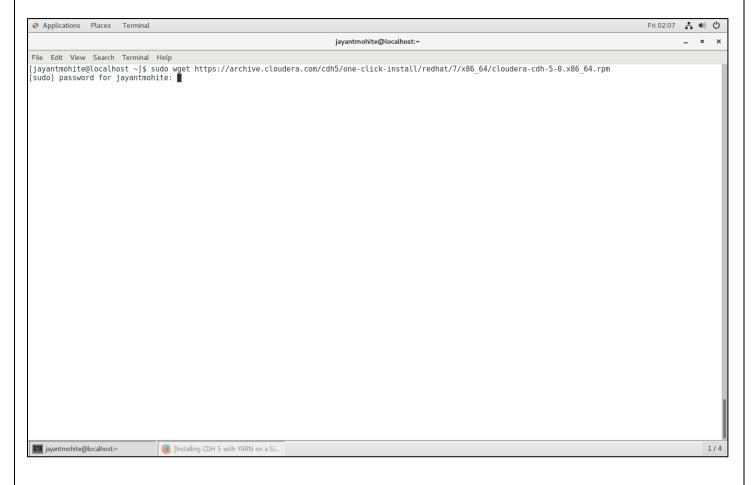
Installation of Hadoop Single Node Cluster

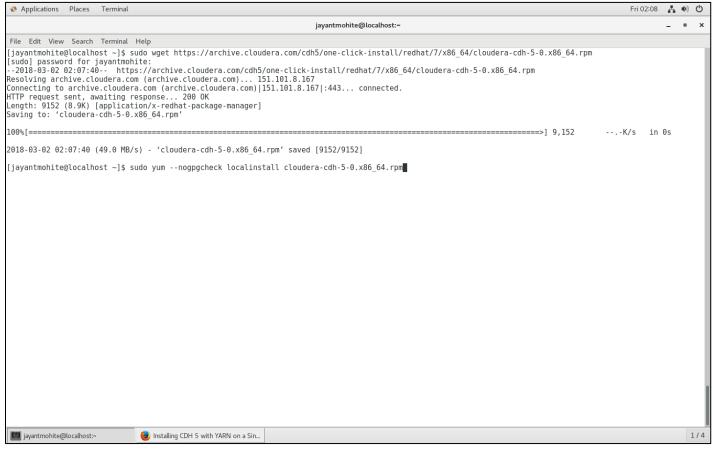
Step1:

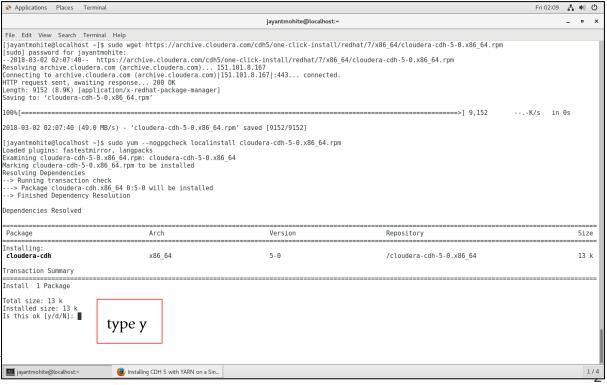
Download the Cloudera Package of Hadoop Version 5



Step 2:

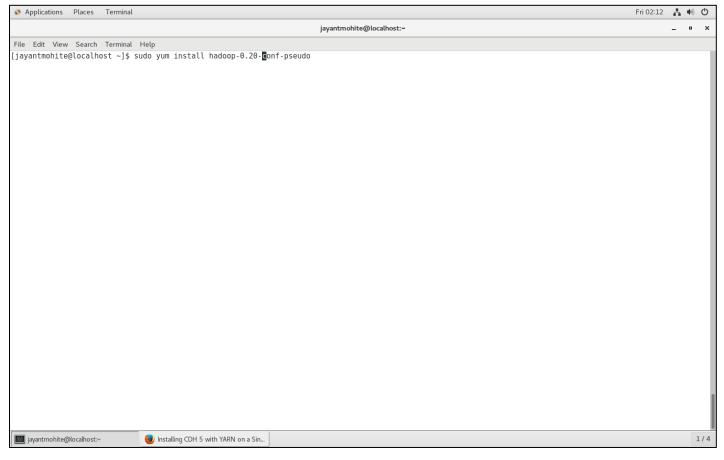
Install the Downloaded Package

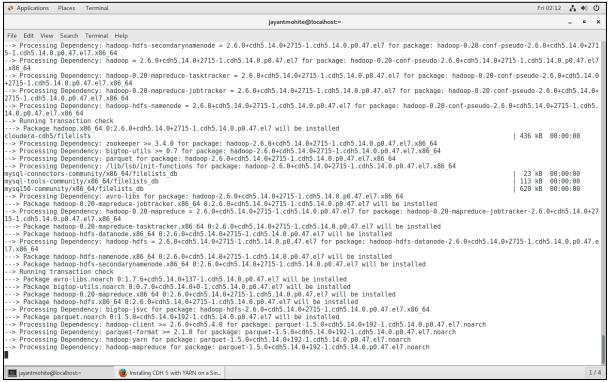




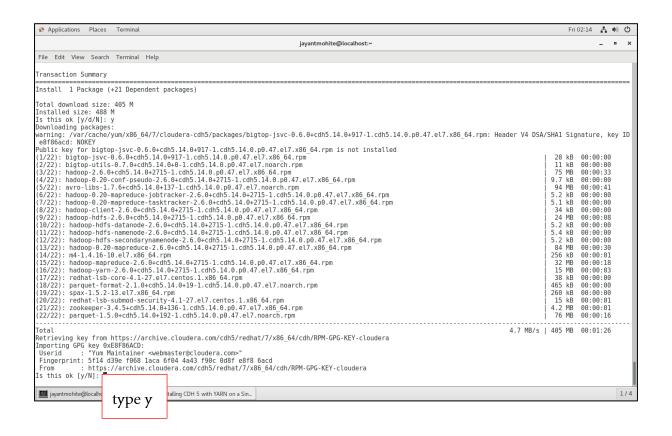
Step 3:

Install Hadoop Generation 1 Framework





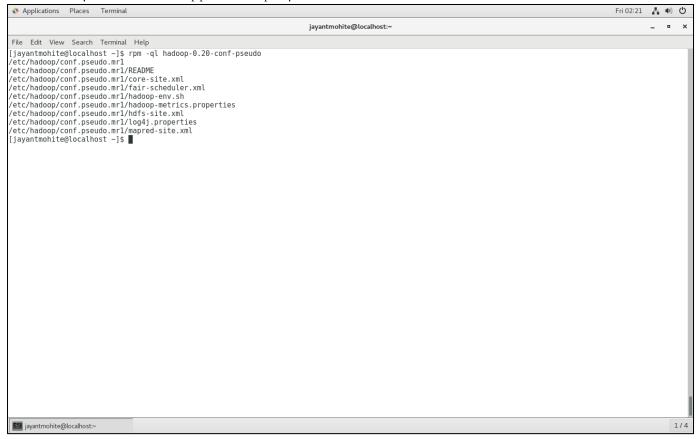
	Applications Places Terminal				Fri 02:12	A	u (1))
> Package parquet-format.moorch 9:2.1.0+cdh5.14.0+j9.1.cdh5.14.0.p0.47.el7 will be installed> Package rednat-lsb-submod-security.x86 64 0:4.1-27.el7.centos.1 will be installed> Pathage spax.x86 64 0:1.5.2-13.el7 will be installed> Falished Dependency Resolution Package Arch Version Repository 5ize Package Arch Version Rep			jayantmohite@localhost:~			-	
> Package spax.x86 64 0:1.5.2-13.el7 will be installed> Package spax.x86 64 0:1.5.2-13.el7 will be installed> Package spax.x86 64 0:1.5.2-13.el7 will be installed> Package spax.x86 64 0:1.5.2-13.el7 will be installed	ile Edit View Search Terminal Help						
Package Arch Version Repository Size Installing: Instal	> Package redhat-lsb-submod-security.x > Package spax.x86 64 0:1.5.2-13.el7 w	86 64 0:4.1-27.el7.c					
Package Arch Version Repository Sizes Size	ependencies Resolved						
Nadoop 0.72 Name Nadoop National Nat	======================================	Arch	Version	Repository			
Digtop Svc X86 64 0 6 6 + cdh5 14 0 + 21 1 1 1 1 1 1 1 1 1	hadoop-0.20-conf-pseudo	x86_64	2.6.0+cdh5.14.0+2715-1.cdh5.14.0.p0.47.el7	cloudera-cdh5		9	.7
zookeeper x86_64 3.4.5+cdh5.14.0+136-1.cdh5.14.0.p0.47.el7 cloudera-cdh5 4.2	avro-libs bigtop-jsvc bigtop-utils haddop-0.20-mapreduce haddop-0.20-mapreduce-jobtracker haddop-0.20-mapreduce-tasktracker haddop-0.20-mapreduce-tasktracker haddop-olient haddop-hdfs-datanode haddop-hdfs-namenode haddop-hdfs-secondarynamenode haddop-hdfs-secondarynamenode haddop-hdfs-secondarynamenode haddop-mapreduce haddop-mapreduce haddop-mapreduce haddop-mapreduce redhat-isb-submod-security spax	x86 64 noarch x86 64 x86 64	0.6.0+cdh5.14.0+917-1.cdh5.14.0.p0.47.e17 0.7.0+cdh5.14.0+0-1.cdh5.14.0.p0.47.e17 2.6.0+cdh5.14.0+2715-1.cdh5.14.0.p0.47.e17 1.4.16-10.e17 1.5.0+cdh5.14.0+19-1.cdh5.14.0.p0.47.e17 2.1.0+cdh5.14.0+19-1.cdh5.14.0.p0.47.e17 4.1-27.e17.centos.1 4.1-27.e17.centos.1	cloudera-cdh5 base cloudera-cdh5 cloudera-cdh5 cloudera-cdh5 base base base		5 5 5 5 5 5 5	28 11 75 84 .2 .1 34 22 .4 .2 .2 .32 15 66 576 66 538 15





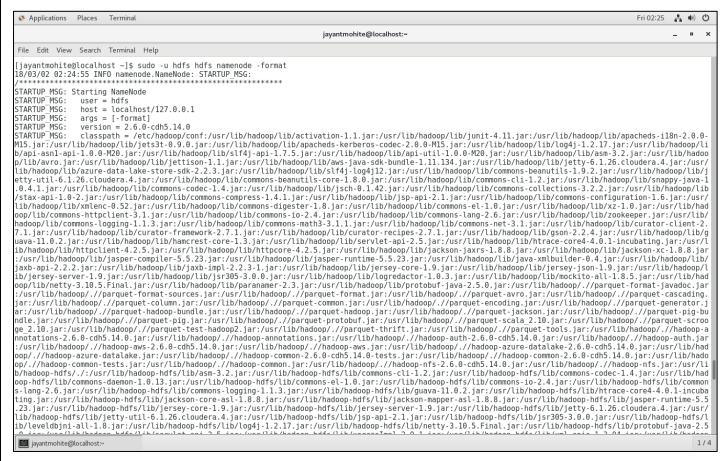
Step 4:

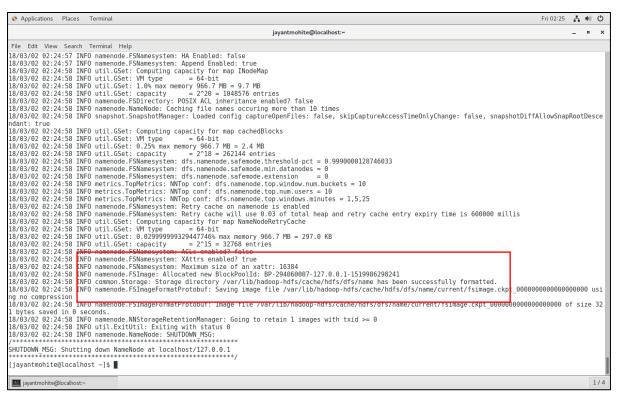
Verify if Execution Happened Properly



Step 5:

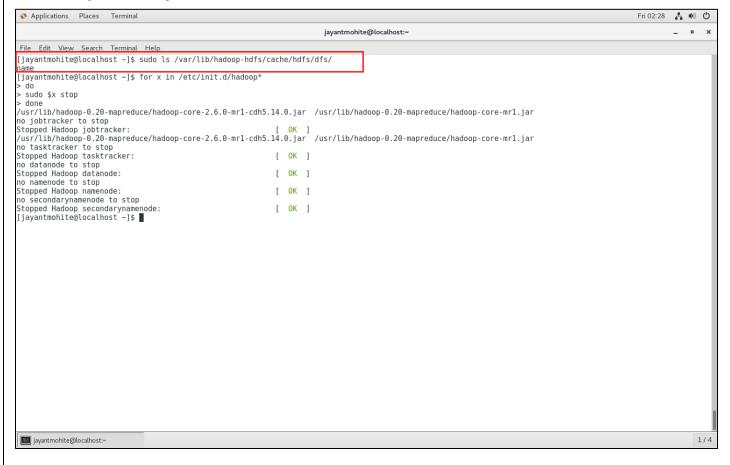
Format Namenode





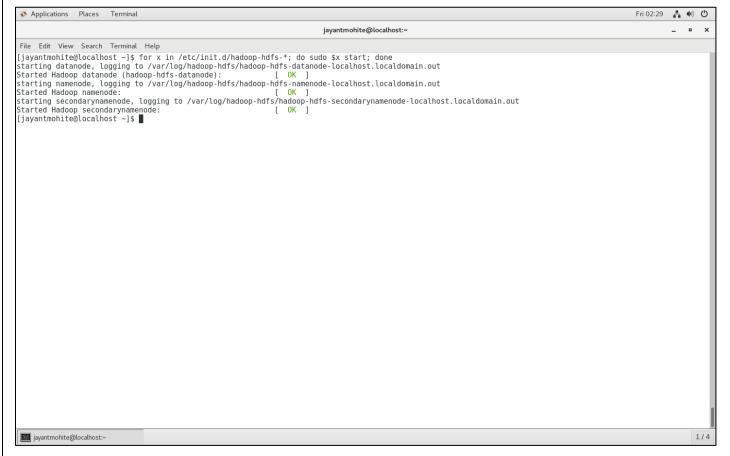
Step 6:

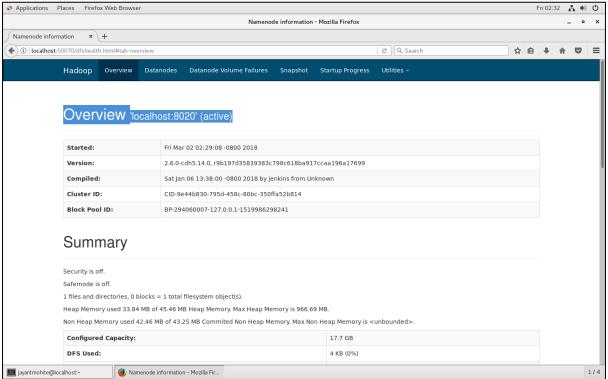
Stop All Hadoop Services

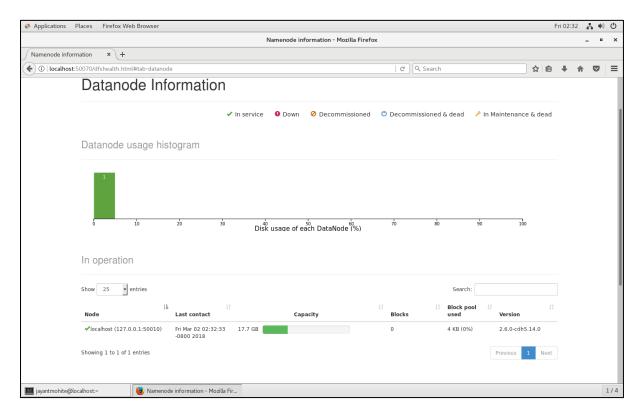


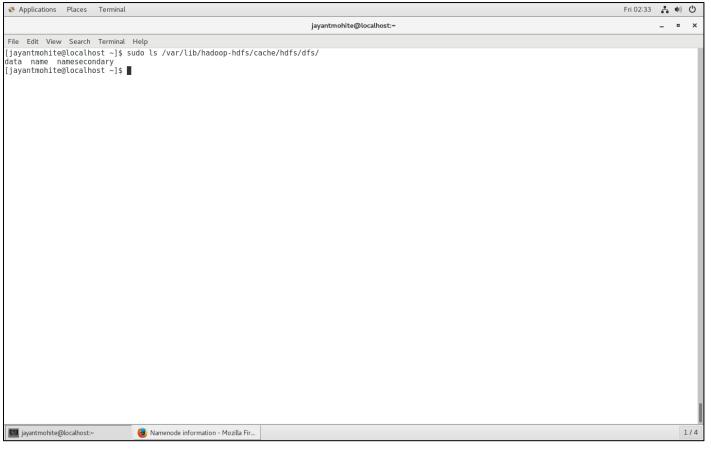
Step 7:

Start Only HDFS Services



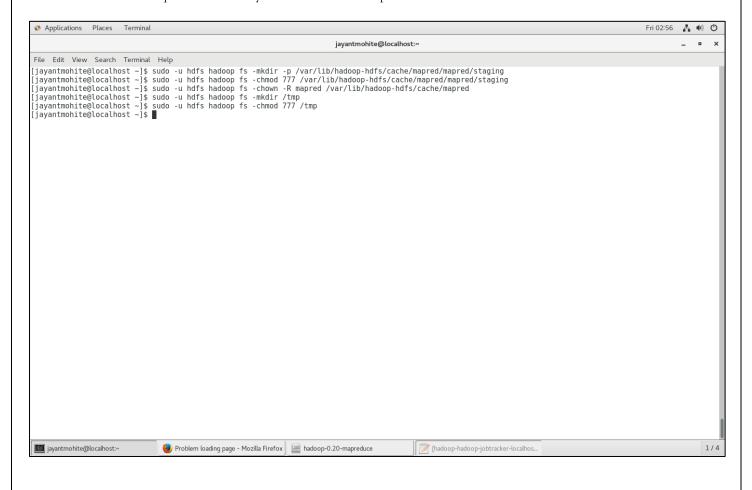






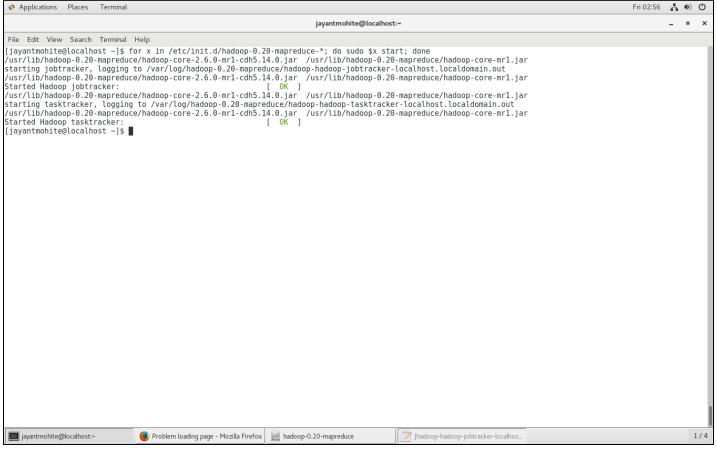
Step 8:

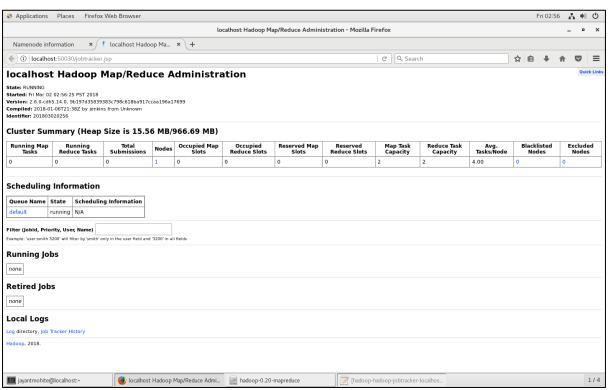
Create the Required Directory Structure with Proper Permissions



Step 9:

Start All Map Reduce Services



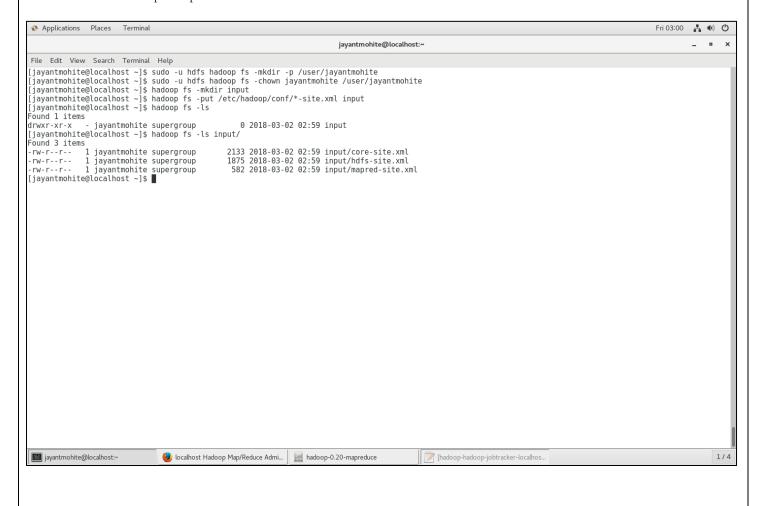


Step 10:

Create Directory for User with Proper Permissions

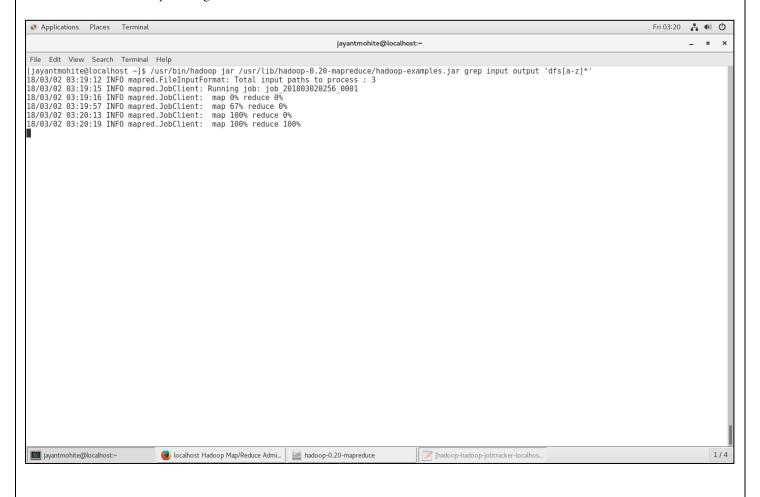
Step 11:

Create Sample Input



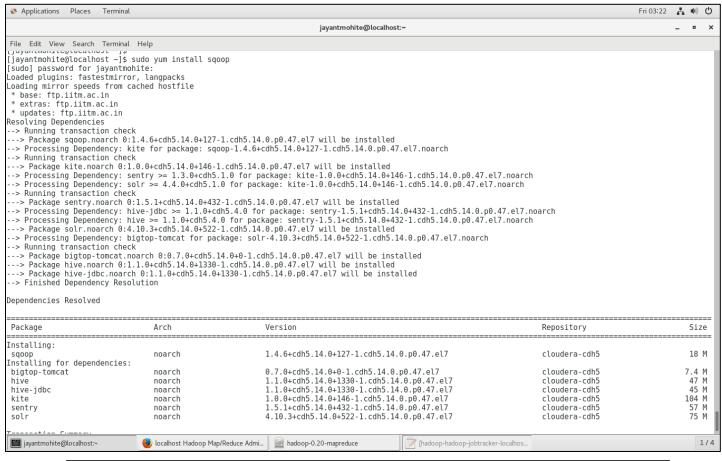
Step 12:

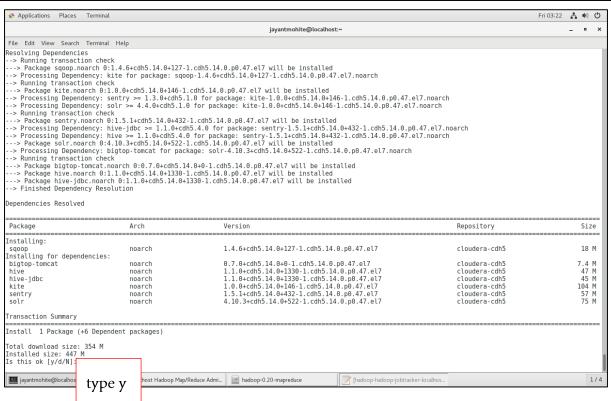
Execute Sample Program



Step 13:

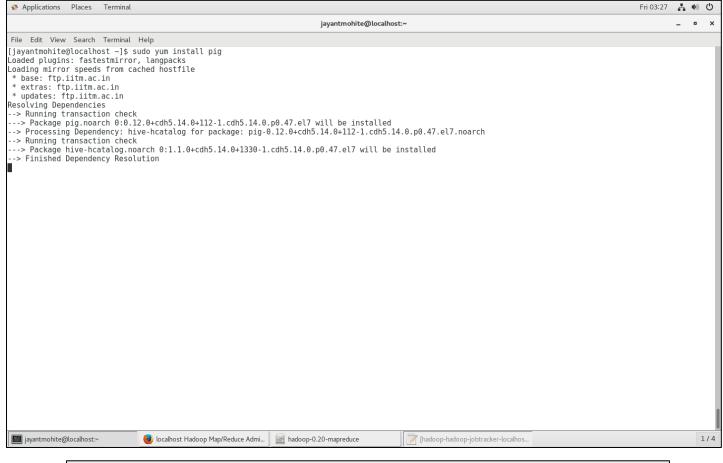
Install Sqoop

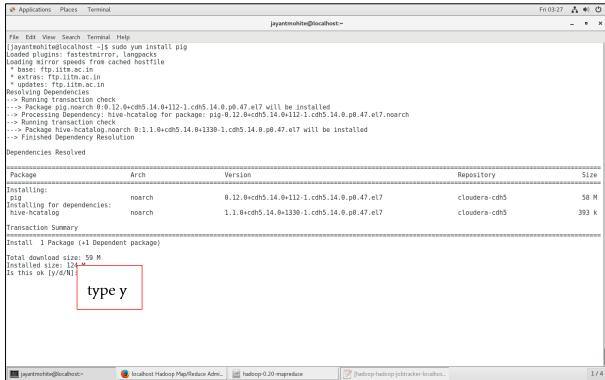




Step 14:

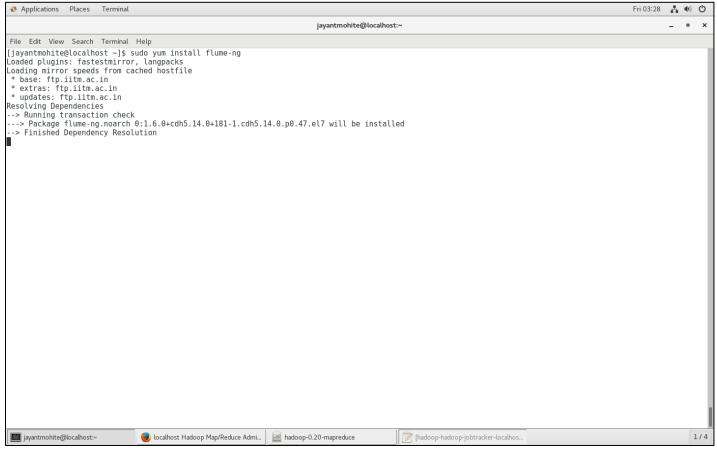
Install Pig

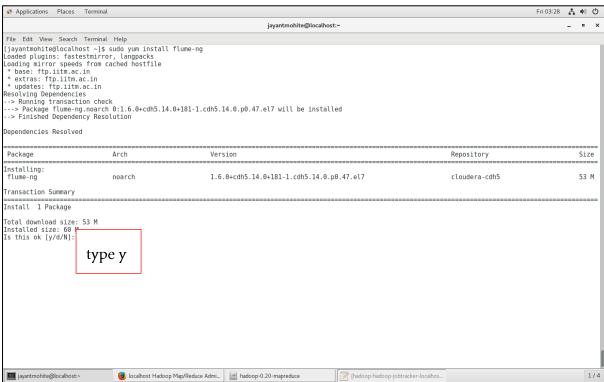




Step 15:

Install Flume-ng





Big Data Hadoop

Now your Hadoop Cluster is ready and you can start performing your practice tasks on it.