

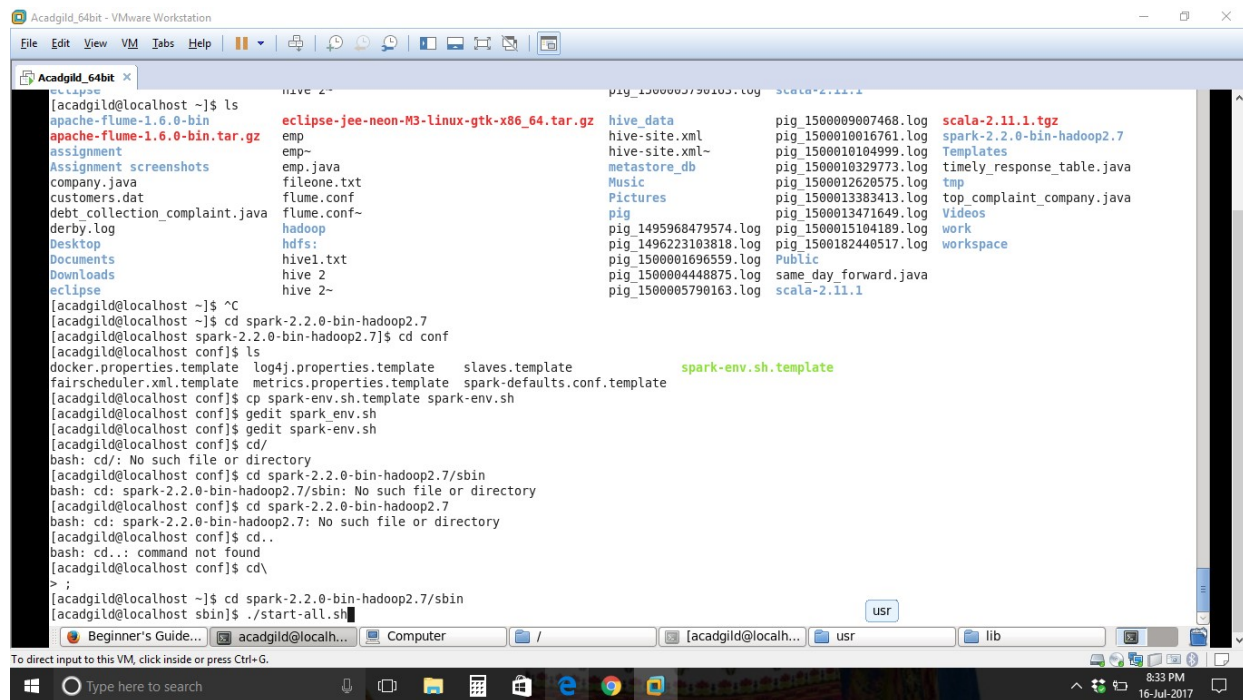
Assignment 12.3

Task 1:

Start all daemons of Spark

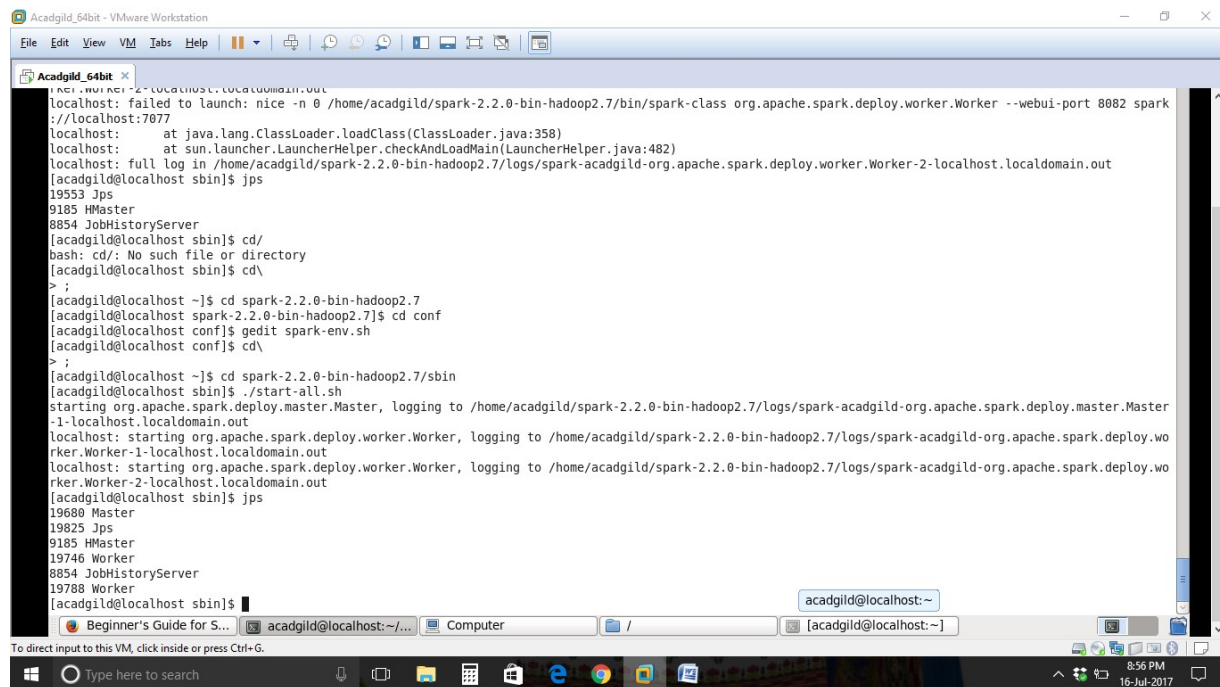
1. Downloaded Scala and set scala path in .bashrc
2. Downloaded Spark and Set Java Path and Spark Path in spark-env.sh

Start all daemon in sbin in spark folder



```
[acadgild@localhost ~]$ ls
apache-flume-1.6.0-bin
apache-flume-1.6.0-bin.tar.gz
assignment
Assignment_screenshots
company.java
customers.dat
debt_collection_complaint.java
derby.log
Desktop
Documents
Downloads
eclipse
eclipse-jee-neon-M3-linux-gtk-x86_64.tar.gz
emp
emp.java
fileone.txt
flume.conf
flume.conf-
hadoop
hdfs:
hive1.txt
hive 2
hive 2~
hive_data
hive-site.xml
hive-site.xml~
metastore_db
Music
Pictures
pig
pig 1495968479574.log
pig 1496223183818.log
pig 1500001696559.log
pig 1500004448875.log
pig 1500005790163.log
pig 1500009007468.log
pig 1500010016761.log
pig 1500010104999.log
pig 1500010329773.log
pig 1500012620575.log
pig 1500013383413.log
pig 1500013471649.log
pig 1500015104189.log
pig 1500182440517.log
Public
same_day_forward.java
scala-2.11.1
scala-2.11.1.tgz
spark-2.2.0-bin-hadoop2.7
Templates
timely_response_table.java
tmp
top_complaint_company.java
Videos
work
workspace
[acadgild@localhost ~]$ cd /usr/share/spark-2.2.0-bin-hadoop2.7
[acadgild@localhost spark-2.2.0-bin-hadoop2.7]$ cd conf
[acadgild@localhost conf]$ ls
docker.properties.template log4j.properties.template slaves.template spark-env.sh.template
[acadgild@localhost conf]$ cp spark-env.sh.template spark-env.sh
[acadgild@localhost conf]$ gedit spark-env.sh
[acadgild@localhost conf]$ gedit spark-env.sh
[acadgild@localhost conf]$ cd /
bash: cd/: No such file or directory
[acadgild@localhost conf]$ cd spark-2.2.0-bin-hadoop2.7/sbin
bash: cd: spark-2.2.0-bin-hadoop2.7/sbin: No such file or directory
[acadgild@localhost conf]$ cd spark-2.2.0-bin-hadoop2.7
bash: cd: spark-2.2.0-bin-hadoop2.7: No such file or directory
[acadgild@localhost conf]$ cd..
bash: cd.: command not found
[acadgild@localhost conf]$ cd\
[acadgild@localhost ~]$ cd spark-2.2.0-bin-hadoop2.7/sbin
[acadgild@localhost sbin]$ ./start-all.sh
```

Screenshot shows spark master and 2 workers running



```
Acadgild_64bit - VMware Workstation
File Edit View VM Tabs Help
Acadgild_64bit x
[acadm@localhost ~]$ cd /home/acadm/spark-2.2.0-bin-hadoop2.7/bin/
localhost: failed to launch: nice -n 0 /home/acadm/spark-2.2.0-bin-hadoop2.7/bin/spark-class org.apache.spark.deploy.worker.Worker --webui-port 8082 spark
://localhost:7077
localhost: at java.lang.ClassLoader.loadClass(ClassLoader.java:358)
localhost: at sun.launcher.LauncherHelper.checkAndLoadMain(LauncherHelper.java:482)
localhost: full log in /home/acadm/spark-2.2.0-bin-hadoop2.7/logs/spark-acadm-org.apache.spark.deploy.worker.Worker-2-localhost.localdomain.out
[acadm@localhost sbin]$ jps
19553 Jps
9185 HMaster
8854 JobHistoryServer
[acadm@localhost sbin]$ cd /
bash: cd/: No such file or directory
[acadm@localhost sbin]$ cd \
> ;
[acadm@localhost ~]$ cd spark-2.2.0-bin-hadoop2.7
[acadm@localhost spark-2.2.0-bin-hadoop2.7]$ cd conf
[acadm@localhost conf]$ gedit spark-env.sh
[acadm@localhost conf]$ cd \
> ;
[acadm@localhost ~]$ cd spark-2.2.0-bin-hadoop2.7/sbin
[acadm@localhost sbin]$ ./start-all.sh
starting org.apache.spark.deploy.master.Master, logging to /home/acadm/spark-2.2.0-bin-hadoop2.7/logs/spark-acadm-org.apache.spark.deploy.master.Master
-1-localhost.localdomain.out
localhost: starting org.apache.spark.deploy.worker.Worker, logging to /home/acadm/spark-2.2.0-bin-hadoop2.7/logs/spark-acadm-org.apache.spark.deploy.wo
rker.Worker-1-localhost.localdomain.out
localhost: starting org.apache.spark.deploy.worker.Worker, logging to /home/acadm/spark-2.2.0-bin-hadoop2.7/logs/spark-acadm-org.apache.spark.deploy.wo
rker.Worker-2-localhost.localdomain.out
[acadm@localhost sbin]$ jps
19688 Master
19825 Jps
9185 HMaster
19746 Worker
8854 JobHistoryServer
19788 Worker
[acadm@localhost sbin]$
```