Install JDK 8 in CDH for Spark

1. Login as sudo user
   `su`
   Enter password as cloudera

2. Install updates (It's better to update the system first! Beware, this command will take some time! When I did it, I had 4 gigs of update!)
   `yum update`

3. Download only the supported version of jdk 8

   `wget --no-cookies --no-check-certificate --header "Cookie: gpw_e24=http%3A%2F%2Fwww.oracle.com%2F; oraclelicense=accept-securebackup-cookie" "http://download.oracle.com/otn-pub/java/jdk/8u161-b12/2f38c3b165be4555a1fa6e98c45e0808/jdk-8u161-linux-x64.rpm"`

4. Do a local install:
   `sudo yum localinstall jdk-8u161-linux-x64.rpm`

5. Now the JDK should be installed at `/usr/java/jdk1.8.0_161`

6. Delete the RPM file:
   `rm jdk-8u161-linux-x64.rpm`

7. Update the .bash_profile file to set the JAVA_HOME
   `sudo gedit $HOME/.bash_profile`

8. Delete this line from *.bash_profile* file: `PATH=$PATH:$HOME/bin`

9. Add the following lines to this *.bash_profile* file:
   `export JAVA_HOME=/usr/java/jdk1.8.0_161/`
   `export JRE_HOME=/usr/java/jdk1.8.0_161/jre`
   `PATH=$PATH:$HOME/bin:$JAVA_HOME/bin`

10. Save and close the file.

11. Run the following command now:
    `. ~/.bash_profile`

12. `sudo gedit /etc/default/bigtop-utils`

13. update these lines:

    # Override JAVA_HOME detection for all bigtop packages

    `export JAVA_HOME=/usr/java/jdk1.8.0_161`

14. Remove the old java installation (let's just copy it to a temp folder):
    `mv /usr/java/jdk1.7* /home/cloudera/Desktop/tmp`

15. Optionally Download Scala IDE:
    http://scala-ide.org/download/sdk.html