

1)

```
# Add an "alert" alias for long running commands.  Use like so:
#   sleep 10; alert
alias alert='notify-send --urgency=low -i "${[ $? = 0 ]} && echo termi

# Alias definitions.
# You may want to put all your additions into a separate file like
# ~/.bash_aliases, instead of adding them here directly.
# See /usr/share/doc/bash-doc/examples in the bash-doc package.

if [ -f ~/.bash_aliases ]; then
    . ~/.bash_aliases
fi

# enable programmable completion features (you don't need to enable
# this, if it's already enabled in /etc/bash.bashrc and /etc/profile
# sources /etc/bash.bashrc).
if ! shopt -oq posix; then
    if [ -f /usr/share/bash-completion/bash_completion ]; then
        . /usr/share/bash-completion/bash_completion
    elif [ -f /etc/bash_completion ]; then
        . /etc/bash_completion
    fi
fi
export PATH="$PATH":"$HADOOP_PREFIX"/bin
export PATH=$JAVA_HOME/bin:$PATH
export HADOOP_CLASSPATH=$JAVA_HOME/lib/tools.jar
-- INSERT --

mpeterson10@cscd-doop01:~$ source ~/.bashrc
mpeterson10@cscd-doop01:~$
```

2)

```
sftp> put *
Uploading WordCount.java to /home/EASTERN/mpeterson10/WordCount.java
WordCount.java
Uploading file1 to /home/EASTERN/mpeterson10/file1
file1
Uploading file2 to /home/EASTERN/mpeterson10/file2
file2
sftp>
esadnwx-squiroz:files michael$

mpeterson10@cscd-doop01:~$ ls
file1 file2 netstorage WordCount.java
mpeterson10@cscd-doop01:~$
```

3.1)

```
mpeterson10@cscd-doop01:~$ hadoop fs -ls /user/mpeterson10
mpeterson10@cscd-doop01:~$
```

3.2)

```
mpeterson10@cscd-doop01:~$ hadoop fs -mkdir /user/mpeterson10/wc
mpeterson10@cscd-doop01:~$
```

3.3)

```
mpeterson10@cscd-doop01:~$ hadoop fs -mkdir /user/mpeterson10/wc/input
mpeterson10@cscd-doop01:~$
```

3.4)

```
mpeterson10@cscd-doop01:~$ hadoop fs -ls /user/mpeterson10/wc
Found 1 items
drwxr-xr-x - mpeterson10 supergroup          0 2016-02-22 14:53 /user/mpeterson10/wc/input
mpeterson10@cscd-doop01:~$
```

3.5)

```
mpeterson10@cscd-doop01:~$ hadoop fs -copyFromLocal ./file1 /user/mpeterson10/wc/input
mpeterson10@cscd-doop01:~$
```

3.6)

```
mpeterson10@cscd-doop01:~$ hadoop fs -copyFromLocal ./file2 /user/mpeterson10/wc/input
mpeterson10@cscd-doop01:~$
```

3.7)

```
mpeterson10@cscd-doop01:~$ hadoop fs -cat /user/mpeterson10/wc/input/file1
hello
world
test
```

3.8)

```
mpeterson10@cscd-doop01:~$ hadoop fs -copyToLocal /user/mpeterson10/wc/input/file2 /tmp/file2
copyToLocal: `/tmp/file2': File exists
mpeterson10@cscd-doop01:~$
```