make

./osh

* So first open up putty/or the mac terminal and once you reach the directory where the file are type make first and then do ./osh

!! //history

* then do !! and it should say there are no commands

sleep 10 & //test the background execution

* then type sleep 10 & and it should should how many process are running

ls | wc -l //pipe functionality (Extra Credit)

* then type ls | wc -l and it should display the number of files in your current directory

ls | sort //pipe functionality (Extra Credit)

* then type ls | sort and it should sort all the item in the directory and should a list of them.

cat in.txt

* then type cat in.txt and it should show what is in the file which should be unordered numbers

sort < in.txt //redirecting input and output

* then type sort < in.txt and this should sort the stuff in the in.txt

ls > out.txt //redirecting input and output

* then type ls > out.txt and this stores the names of the files in the directory into the out.txt

cat out.txt //displays the contents of out.txt

* then type cat out.txt and this will display what is inside out.txt

sort < in.txt > out.txt //redirecting input and output

* then type sort < in.txt > out.txt and this sort the input for the in.txt and then uses the sorted in.txt as an input for the out.txt file and stores it there.

cat out.txt

* then type cat out.txt this will display what is inside out.txt

!!

* then type !! this will show the previous command which is cat out.txt and it will call it and execute it.

exit //testing exit command

* then type exit and it should exit osh