```
[ang24@unix1:~/453/lab1 $ ./osh
[osh> ls
a.txt in.txt
               Makefile osh osh.c oshv1.c out.txt
osh> cd ...
osh> 1s
lab1
osh> cd lab1
osh> ls
               Makefile osh osh.c oshv1.c out.txt
a.txt in.txt
[osh> cat in.txt|sort
а
b
g
q
s
z
osh> cat in.txt
g
b
s
а
z
q
osh> sort<in.txt
а
b
g
q
s
z
losh> ls
a.txt in.txt Makefile osh
                              osh.c oshv1.c out.txt test.txt
osh> ls>out2.txt
osh> cat out2.txt
a.txt
in.txt
Makefile
osh
osh.c
oshv1.c
out2.txt
out.txt
test.txt
[osh> ls
a.txt in.txt
               Makefile
                        osh
                              osh.c
                                     oshv1.c out2.txt
                                                         out.txt
osh> !!
ls
               Makefile
a.txt in.txt
                                      oshv1.c
                                               out2.txt
                         osh
                              osh.c
                                                         out.txt
                                                                  test.txt
osh> !!
ls
a.txt in.txt
               Makefile
                         osh
                              osh.c
                                      oshv1.c out2.txt
                                                         out.txt
[osh> exit
exiting program...
[ang24@unix1:~/453/lab1 $ ./osh
osh> !!
No commands in history.
```