Q1

```
/Library/Java/JavaVirtualMachines/jdk1.8.0_101.jdk/Contents/Home/bin/java ...
jsh>ls -l
total 8
-rw-r--r--   1 woshibiantai  staff   423 Jan 26 11:32 CSE.iml
drwxr-xr-x  4 woshibiantai  staff   136 Jan 26 12:49 out
drwxr-xr-x  2 woshibiantai  staff    68 Jan 26 12:37 sampleFolder
drwxr-xr-x  5 woshibiantai  staff   170 Jan 28 12:15 src
jsh>mkdir sampleFolder
jsh>ls
CSE.iml
out
sampleFolder
src
jsh>wronginput
Cannot run program "wronginput" (in directory "/Users/woshibiantai/Downloads/CSE"): error=2, No such file or directory
jsh>
```

Q2

```
/Library/Java/JavaVirtualMachines/jdk1.8.0_101.jdk/Contents/Home/bin/java ...
jsh>pwd
/Users/woshibiantai/Downloads/CSE
jsh>cd ..
jsh>pwd
/Users/woshibiantai/Downloads
jsh>cd CSE
jsh>pwd
/Users/woshibiantai/Downloads/CSE
jsh>cd unknownfolder
/Users/woshibiantai/Downloads/CSE/unknownfolder is an invalid directory
jsh>
```

Q3

```
/Library/Java/JavaVirtualMachines/jdk1.8.0_101.jdk/Contents/Home/bin/java ...
jsh>ls -l
total 8
-rw-r--r--   1 woshibiantai  staff   423 Jan 26 11:32 CSE.iml
drwxr-xr-x  4 woshibiantai  staff   135 Jan 26 12:49 out
drwxr-xr-x  2 woshibiantai  staff    68 Jan 26 12:37 sampleFolder
drwxr-xr-x  5 woshibiantai  staff   170 Jan 28 12:15 src
jsh>pwd
/Users/woshibiantai/Downloads/CSE
jsh>history
0 ls -l
1 pwd
jsh>!!
/Users/woshibiantai/Downloads/CSE
jsh>1
/Users/woshibiantai/Downloads/CSE
jsh>10
Invalid command history search!
jsh>
```