Typescript

Here I will show the output responding to valid and invalid inputs.

Copy

- Valid input

```
//input
./Copy src.txt dest.txt 100
//ouput
Time used: 0.227000 milliseconds
```

- Invalid input

```
//input
./Copy src.txt dest.txt
//ouput
Error: Invalid number of arguments.
```

Shell

- Valid input

```
//server input
./shell 8007
//server output
accepting connections...
//client input
telnet localhost 8007
//
```

```
//input
cd ..
 //ouput
Your path now:/mnt/d
```

```
//input
pwd
//ouput
/mnt/d
```

```
//input
ls
//ouput
powerREC
AuI18N
```

```
Bin
C++
CURRENT_MAINTAINER
Code
DeliveryOptimization
Docker Desktop Installer.exe
Drivers
DumpStack.log
DumpStack.log.tmp
Filez
FlashCenter
Git
I18N
KDubaSoftDownloads
Ksoftware
LaTex
Lab3
Lab3 (2).zip
Lab3.zip
LeiDian
Lex
Misc
PROJECT
Plugin
Program Files
QQLicense.rtf
QQMusic
QQMusicCache
QQNT
QQUninst.exe
QQWhatsnew.txt
Resource.9.7.23.29368
Rhino74
SOLIDWORKS
SOLIDWORKS Data (2)
ShellExt
System Volume Information
Timsh.tpc
Timwp.xml.txd
Timwp_gf.tpc
Uint64_Adder.vcd
Uninstall.xml
VirtualBox
WeChat
WindowsApps
WizTree
XmpCache
ZhiyunTranslator
chisel-template-main
chisel-template-main.zip
common.xml.txd
config.xml.txd
```

```
//input
ls -l
//ouput
total 10313220
drwxrwxrwx 1 root root        4096 Feb  7 19:26 $RECYCLE.BIN
-rwxrwxrwx 1 root root      230949 Mar  3 18:41 2024-2025-1综合测评公示.xlsx
drwxrwxrwx 1 root root        4096 Oct 21 15:52 8086x
drwxrwxrwx 1 root root        4096 Apr 16  2024 ApowerREC
drwxrwxrwx 1 root root        4096 Sep  1  2023 AuI18N
drwxrwxrwx 1 root root        4096 Jan 14 22:24 Bin
drwxrwxrwx 1 root root        4096 Mar 13 12:59 C++
-rwxrwxrwx 1 root root         136 Mar 15 17:36 CURRENT_MAINTAINER
drwxrwxrwx 1 root root        4096 Mar 30 14:38 Code
drwxrwxrwx 1 root root        4096 Jul 30  2023 DeliveryOptimization
-rwxrwxrwx 1 root root   549263216 Feb 20 17:25 Docker Desktop Installer.exe
drwxrwxrwx 1 root root        4096 Jun 26  2023 Drivers
```

```
//input
ls -l | wc
//ouput
105     942     6416
```

```
//input
   exit

//clinet output
 Connection closed by foreign host.

//server output
A client is disconnected
```

- Invalid input

```
//input
badtoken
//ouput
Error: command not found:'badtoken'
```

```
//input
  cd aaa
//ouput
 Invalid Path.
```

single

- Valid input

```
//input
./single
//ouput
 Time used: 6848.83 milliseconds
```

multi

- Valid input

```
//input
./multi
//ouput
Time used: 421.53 milliseconds
```

```
//input
./multi 2048
//ouput
Time used:4024.00 milliseconds
```