Excercise 2

Please use docker to run the program, here is the command to execute：

docker run --rm -ti -v $(pwd)/:/root/lab ubuntu:22.04 /bin/bash -c "cd /root/lab; apt update; apt install -y build-essential; gcc -o lab main.c; ./lab"

some demonstrations:

```
/Users/sid/Desktop/lab3_xuefeng_wei/ex2/cmake-build-debug/ex2
lldm>ps
lldm>  PID TTY           TIME CMD
ls -l
lldm>total 192
-rw-r--r--   1 sid  staff  22980 Dec 23 22:07 CMakeCache.txt
drwxr-xr-x  15 sid  staff    480 Dec 23 22:45 CMakeFiles
-rw-r--r--   1 sid  staff   5325 Dec 23 22:07 Makefile
drwxr-xr-x   3 sid  staff     96 Dec 23 18:18 Testing
-rw-r--r--   1 sid  staff   1567 Dec 23 22:07 cmake_install.cmake
-rwxr-xr-x   1 sid  staff  51016 Dec 23 22:14 ex2
-rw-r--r--   1 sid  staff   5444 Dec 23 22:07 ex2.cbp
fal
lldm>
 Something went wrong :(...
cal
lldm>   December 2021
Su Mo Tu We Th Fr Sa
         1  2  3  4
 5  6  7  8  9 10 11
12 13 14 15 16 17 18
19 20 21 22 23 24 25
26 27 28 29 30 31

who
lldm>sid      console  Nov 30 11:16
date
lldm>Thu Dec 23 22:46:25 CET 2021
```

```
history
Here is the history record from the most recent:
1: date
2: who
3: cal
4: fal
5: ls -l
6: ps
lldm>
```