

(1) Task 1

```
songzihan@songzihan-virtual-machine: ~/桌面
songzihan@songzihan-virtual-machine:~/桌面$ nano c1.c
songzihan@songzihan-virtual-machine:~/桌面$ nano makefile
songzihan@songzihan-virtual-machine:~/桌面$ make
gcc -c c1.c
gcc -o hello1 c1.o
songzihan@songzihan-virtual-machine:~/桌面$ ./hello1 szh.txt
woainanyou
songzihan@songzihan-virtual-machine:~/桌面$
```

(2) Task 2

```
songzihan@songzihan-virtual-machine: ~/桌面
songzihan@songzihan-virtual-machine:~/桌面$ nano c2.c
songzihan@songzihan-virtual-machine:~/桌面$ nano makefile
songzihan@songzihan-virtual-machine:~/桌面$ make
gcc -c c2.c
gcc -o hello2 c2.o
songzihan@songzihan-virtual-machine:~/桌面$ ./hello2 ./sss
3
2
..
.
1
songzihan@songzihan-virtual-machine:~/桌面$ make clean
rm -rf *.o
songzihan@songzihan-virtual-machine:~/桌面$
```

(3) Task 3

```
songzihan@songzihan-virtual-machine:~/桌面$ make clean
rm -rf *.o
songzihan@songzihan-virtual-machine:~/桌面$ nano c3.c
songzihan@songzihan-virtual-machine:~/桌面$ nano makefile
songzihan@songzihan-virtual-machine:~/桌面$ make
gcc -c c3.c
c3.c:1:2: error: expected ';' before 'typedef'
  1 | c
    | ^
    | ;
make: *** [makefile:4: c3.o] Error 1
songzihan@songzihan-virtual-machine:~/桌面$ make
gcc -c c3.c
gcc -o hello3 c3.o
songzihan@songzihan-virtual-machine:~/桌面$ ./hello3
Current directory: /home/songzihan/桌面
Changed directory to /home
New current directory: /home
songzihan@songzihan-virtual-machine:~/桌面$
```