

# (1) Task 1

```
zzx-king@zzx-king-Legion-Y7000P-IRX9:~/Curriculum/Linux/Experiment3$ ls
c1.c  Makefile
zzx-king@zzx-king-Legion-Y7000P-IRX9:~/Curriculum/Linux/Experiment3$ make
gcc -c c1.c
gcc -o hello1 c1.o
zzx-king@zzx-king-Legion-Y7000P-IRX9:~/Curriculum/Linux/Experiment3$ ls
c1.c  c1.o  hello1  Makefile
zzx-king@zzx-king-Legion-Y7000P-IRX9:~/Curriculum/Linux/Experiment3$ ./hello1 c1.c
#include <stdio.h>

int main(int argc, char* argv[])
{
    char buf[1024] = { 0 };
    FILE* fp = fopen(argv[1], "r");
    if (argc < 2)
    {
        printf("please input source file!\n");
    }
    if (fp == NULL)
    {
        printf("open source %s failed\n", argv[1]);
        return -1;
    }
    while (fgets(buf, 1024, fp))
    {
        printf("%s\n", buf);
    }
    return 0;
}

zzx-king@zzx-king-Legion-Y7000P-IRX9:~/Curriculum/Linux/Experiment3$ make clean
rm -rf *.o
zzx-king@zzx-king-Legion-Y7000P-IRX9:~/Curriculum/Linux/Experiment3$ ls
c1.c  hello1  Makefile
```

## (2) Task 2

```
zzx-king@zzx-king-Legion-Y7000P-IRX9:~/Curriculum/Linux/Experiment3/c2$ ls
c2.c  Makefile
zzx-king@zzx-king-Legion-Y7000P-IRX9:~/Curriculum/Linux/Experiment3/c2$ make
gcc -c c2.c
gcc -o hello1 c2.o
zzx-king@zzx-king-Legion-Y7000P-IRX9:~/Curriculum/Linux/Experiment3/c2$ ls
c2.c  c2.o  hello1  Makefile
zzx-king@zzx-king-Legion-Y7000P-IRX9:~/Curriculum/Linux/Experiment3/c2$ ./hello1 .
.
..
c2.c
Makefile
c2.o
hello1
zzx-king@zzx-king-Legion-Y7000P-IRX9:~/Curriculum/Linux/Experiment3/c2$ make clean
rm -rf *.o
zzx-king@zzx-king-Legion-Y7000P-IRX9:~/Curriculum/Linux/Experiment3/c2$ ls
c2.c  hello1  Makefile
zzx-king@zzx-king-Legion-Y7000P-IRX9:~/Curriculum/Linux/Experiment3/c2$
```

## (3) Task 3

```
zzx-king@zzx-king-Legion-Y7000P-IRX9:~/Curriculum/Linux/Experiment3/c3$ ls
c3.c  Makefile
zzx-king@zzx-king-Legion-Y7000P-IRX9:~/Curriculum/Linux/Experiment3/c3$ make
gcc -c c3.c
gcc -o hello1 c3.o
zzx-king@zzx-king-Legion-Y7000P-IRX9:~/Curriculum/Linux/Experiment3/c3$ ls
c3.c  c3.o  hello1  Makefile
zzx-king@zzx-king-Legion-Y7000P-IRX9:~/Curriculum/Linux/Experiment3/c3$ ./hello1
/home/zzx-king/Curriculum/Linux/Experiment3/c3
success
/home
zzx-king@zzx-king-Legion-Y7000P-IRX9:~/Curriculum/Linux/Experiment3/c3$ make clean
rm -rf *.o
zzx-king@zzx-king-Legion-Y7000P-IRX9:~/Curriculum/Linux/Experiment3/c3$ ls
c3.c  hello1  Makefile
```