Task 1

```
houxiyan@houxiyan-virtual-machine:~/公共的/Linux/lab3$ gcc -c c1.c
houxiyan@houxiyan-virtual-machine:~/公共的/Linux/lab3$ gcc -o hello1 c1.o
houxiyan@houxiyan-virtual-machine:~/公共的/Linux/lab3$ ./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;

}
```

Task 2

```
houxiyan@houxiyan-virtual-machine:~/公共的/Linux/lab3$ gcc -c c2.c
houxiyan@houxiyan-virtual-machine:~/公共的/Linux/lab3$ gcc -o hello2 c2.o
houxiyan@houxiyan-virtual-machine:~/公共的/Linux/lab3$ ./hello2 ~/公共的/Linux/lab3
c2.o
hello1.c
c3.c
c2.c
hello1
Experiment_3.pdf
c2
hello2
c1
.
..
c1.c
```

Task 3

```
houxiyan@houxiyan-virtual-machine:~/公共的/Linux/lab3$ gcc -c c3.c
houxiyan@houxiyan-virtual-machine:~/公共的/Linux/lab3$ gcc -o hello3 c3.o
houxiyan@houxiyan-virtual-machine:~/公共的/Linux/lab3$ ./hello3
/home/houxiyan/公共的/Linux/lab3
success
/home
```