

(1) Task 1

```
zm@zm-VMware-Virtual-Platform:~/桌面$ make
gcc -c c1.c
gcc -o hello1 c1.o
```

```
zm@zm-VMware-Virtual-Platform:~/桌面$ ./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]);
    }
}
```

```
zm@zm-VMware-Virtual-Platform:~/桌面$ make clean
rm -rf *.o
zm@zm-VMware-Virtual-Platform:~/桌面$ ls
c1.c  hello1  Makefile
```

(2) Task 2

```
zm@zm-VMware-Virtual-Platform:~/桌面$ make hello2
gcc -c c2.c
gcc -o hello2 c2.o
[2]+  已完成                  gedit Makefile
```

```
zm@zm-VMware-Virtual-Platform:~/桌面$ ./hello2 .
hello2
c2.c
Makefile
.
c2.o
c1.c
..
hello1
zm@zm-VMware-Virtual-Platform:~/桌面$ make clean
rm -rf *.o
zm@zm-VMware-Virtual-Platform:~/桌面$ ls
c1.c  c2.c  hello1  hello2  Makefile
```

(3) Task 3

```
zm@zm-VMware-Virtual-Platform:~/桌面$ make hello3
gcc -c c3.c
gcc -o hello3 c3.o
[2]+  已完成                  gedit Makefile
```

```
zm@zm-VMware-Virtual-Platform:~/桌面$ ./hello3
Current working directory: /home/zm/桌面
Change to /home success!
New working directory: /home
```

```
zm@zm-VMware-Virtual-Platform:~/桌面$ make clean
rm -rf *.o
zm@zm-VMware-Virtual-Platform:~/桌面$ ls
c1.c  c2.c  c3.c  hello1  hello2  hello3  Makefile
```