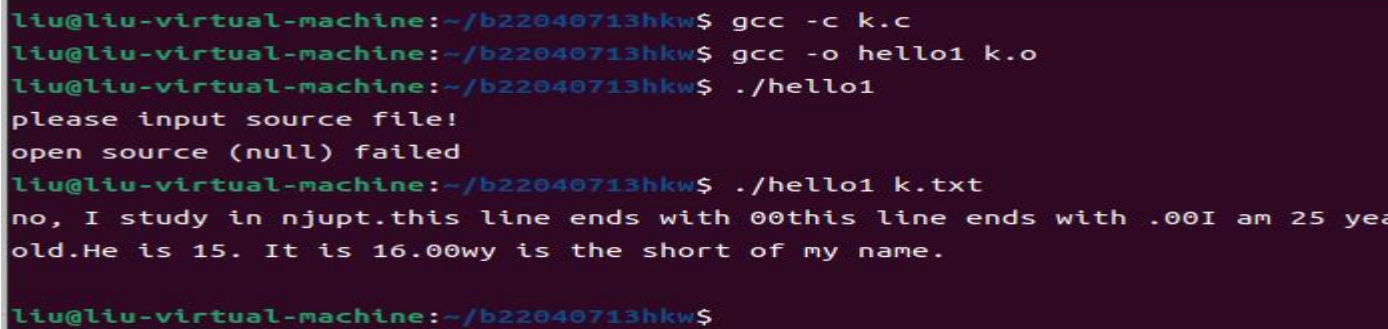


(1)

```
#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; }
```



```
liu@liu-virtual-machine:~/b22040713hkw$ gcc -c k.c
liu@liu-virtual-machine:~/b22040713hkw$ gcc -o hello1 k.o
liu@liu-virtual-machine:~/b22040713hkw$ ./hello1
please input source file!
open source (null) failed
liu@liu-virtual-machine:~/b22040713hkw$ ./hello1 k.txt
no, I study in njupt.this line ends with 00this line ends with .00I am 25 year
old.He is 15. It is 16.00wy is the short of my name.

liu@liu-virtual-machine:~/b22040713hkw$
```

(2)

```
include <stdio.h> include <dirent.h> include <sys/types.h>
int main(int argc, char* argv[])
{
    DIR* dirp;
    struct dirent* direntp;
    if ((dirp = opendir(argv[1])) == NULL) {
        printf("error\n");
        // exit(1);
    }
    while ((direntp = readdir(dirp)) != NULL)
        printf("%s\n", direntp->d_name);
    closedir(dirp);
    // exit(0); }
```

```

liu@liu-virtual-machine:~/b22040713$ ls ~/b22040713
Office Writer
ls: 无法访问 '/home/liu/b22040713': 没有那个文件或目录
liu@liu-virtual-machine:~/b22040713$ gcc -o hello2 k2.o
liu@liu-virtual-machine:~/b22040713$ ./hello2
Please provide a directory path!
liu@liu-virtual-machine:~/b22040713$ ./hello2 ~/b22040713
k.c
.
hello1
hello2
..
k2.o
k.o
k.txt
k2.c
kr.sh
liu@liu-virtual-machine:~/b22040713$

```

(3)

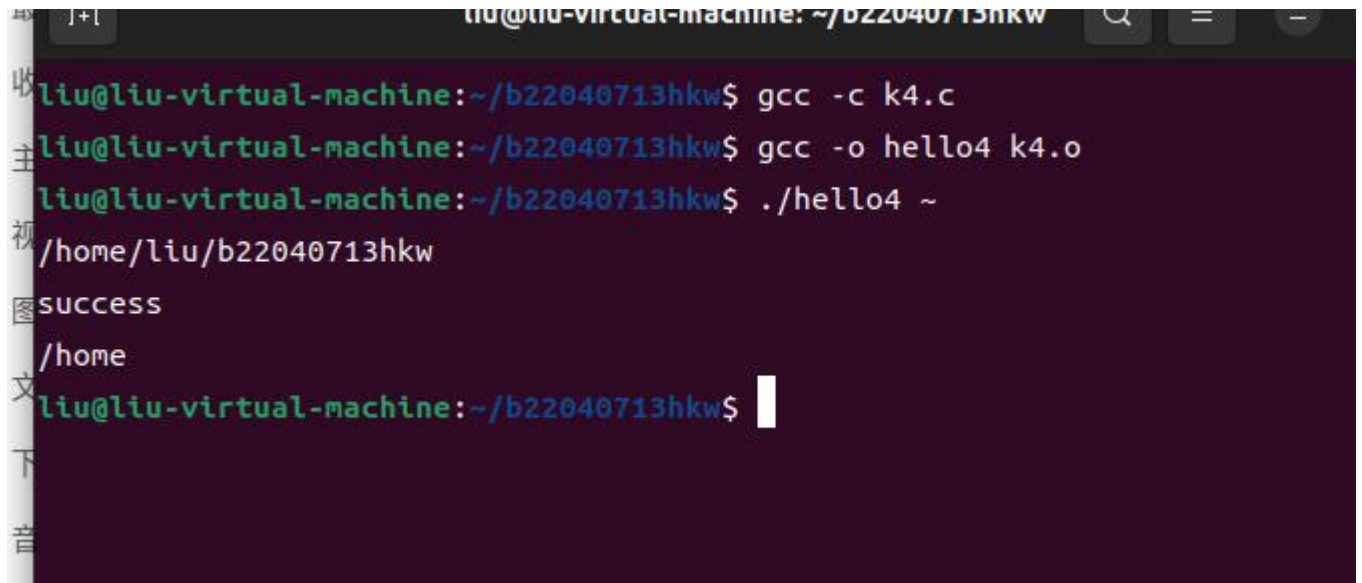
```

#include <stdio.h>
#include <stdlib.h>
#include <unistd.h>
int main(){
    char buf[1024] = {0};

    char buf2[1024]={0};
    getcwd(buf, 1024);
    printf("%s\n", buf);
    if(chdir("/home")<0){
        printf("error\n");
    }
    else {
        printf("success\n");
    }
    getcwd(buf2,1024);

```

```
printf("%s\n",buf2);  
return 0;  
}
```



A terminal window titled "liu@liu-virtual-machine: ~/b22040713hkw" with standard window controls. The terminal shows the following commands and output:

```
liu@liu-virtual-machine:~/b22040713hkw$ gcc -c k4.c  
liu@liu-virtual-machine:~/b22040713hkw$ gcc -o hello4 k4.o  
liu@liu-virtual-machine:~/b22040713hkw$ ./hello4 ~  
/home/liu/b22040713hkw  
success  
/home  
liu@liu-virtual-machine:~/b22040713hkw$
```

On the left side of the terminal window, there is a vertical sidebar with Chinese characters: 收, 主, 视, 图, 文, 下, 音.