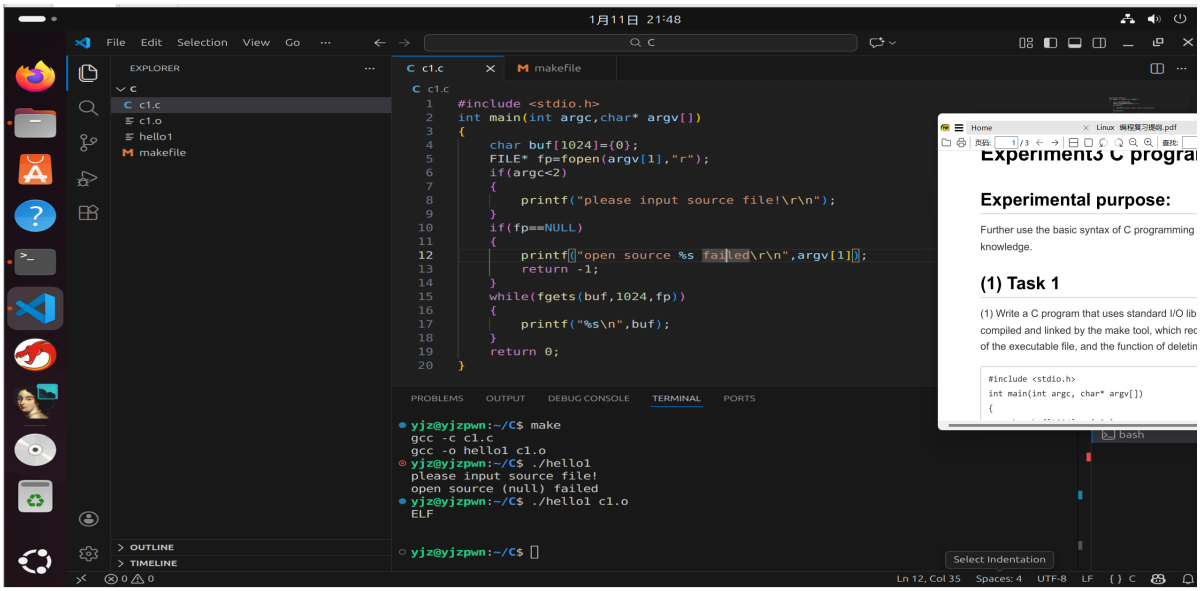
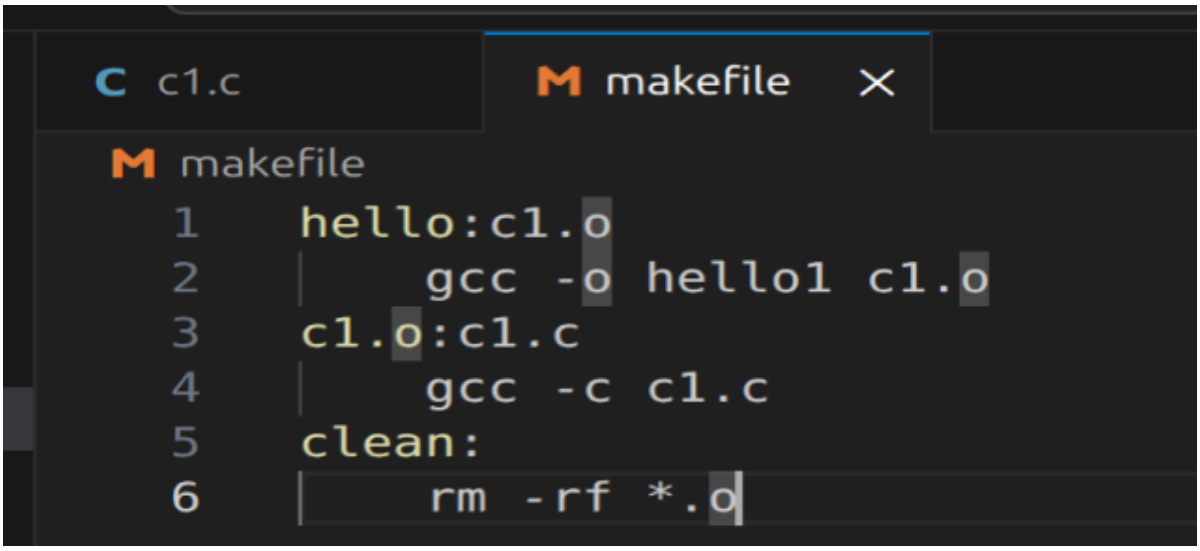
Experiment_3_B22170220余佳卓

(1)Task 1

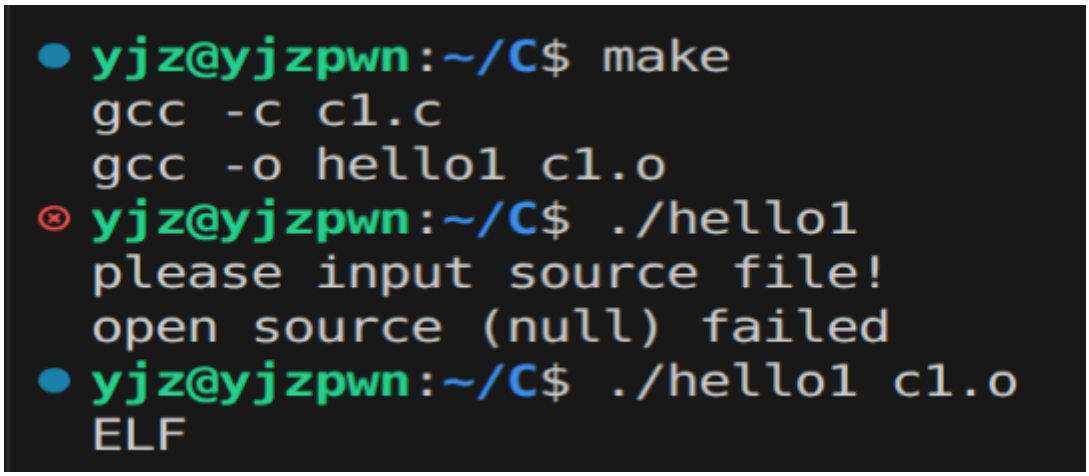
源码：



makefile文件



运行结果：



(2)Task 2

c1.c | makefile | c2.c

c2.c

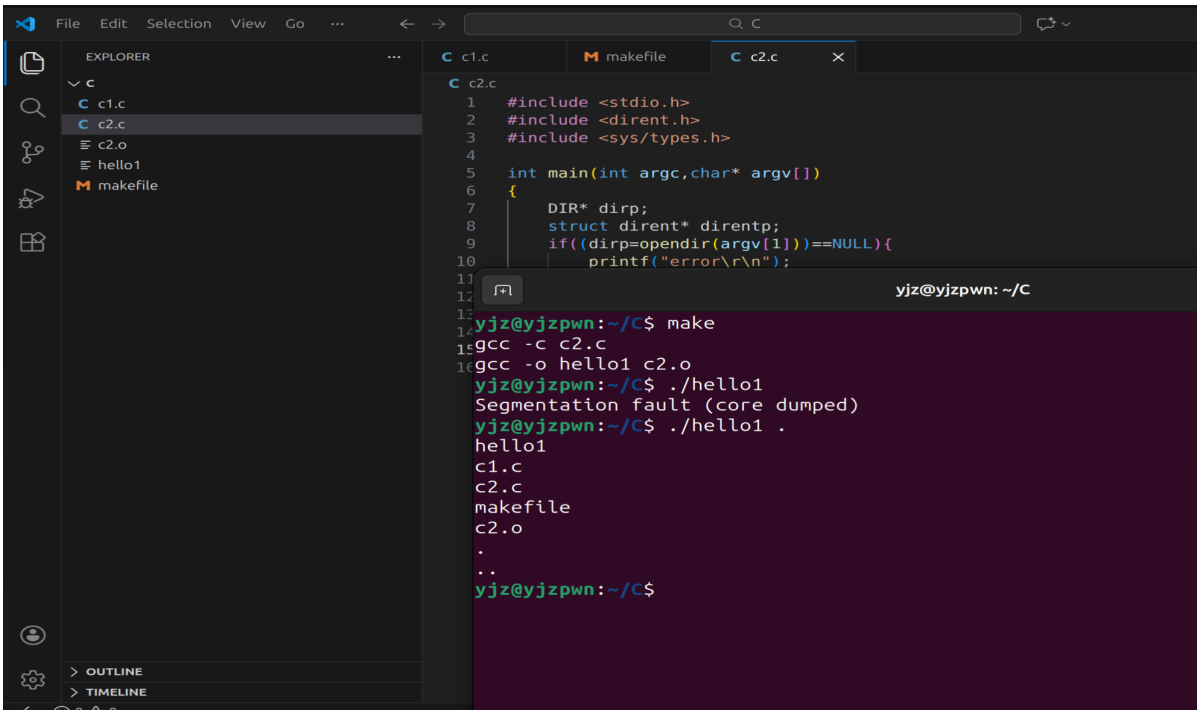
```c
#include <stdio.h>
#include <dirent.h>
#include <sys/types.h>

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

makefile文件：

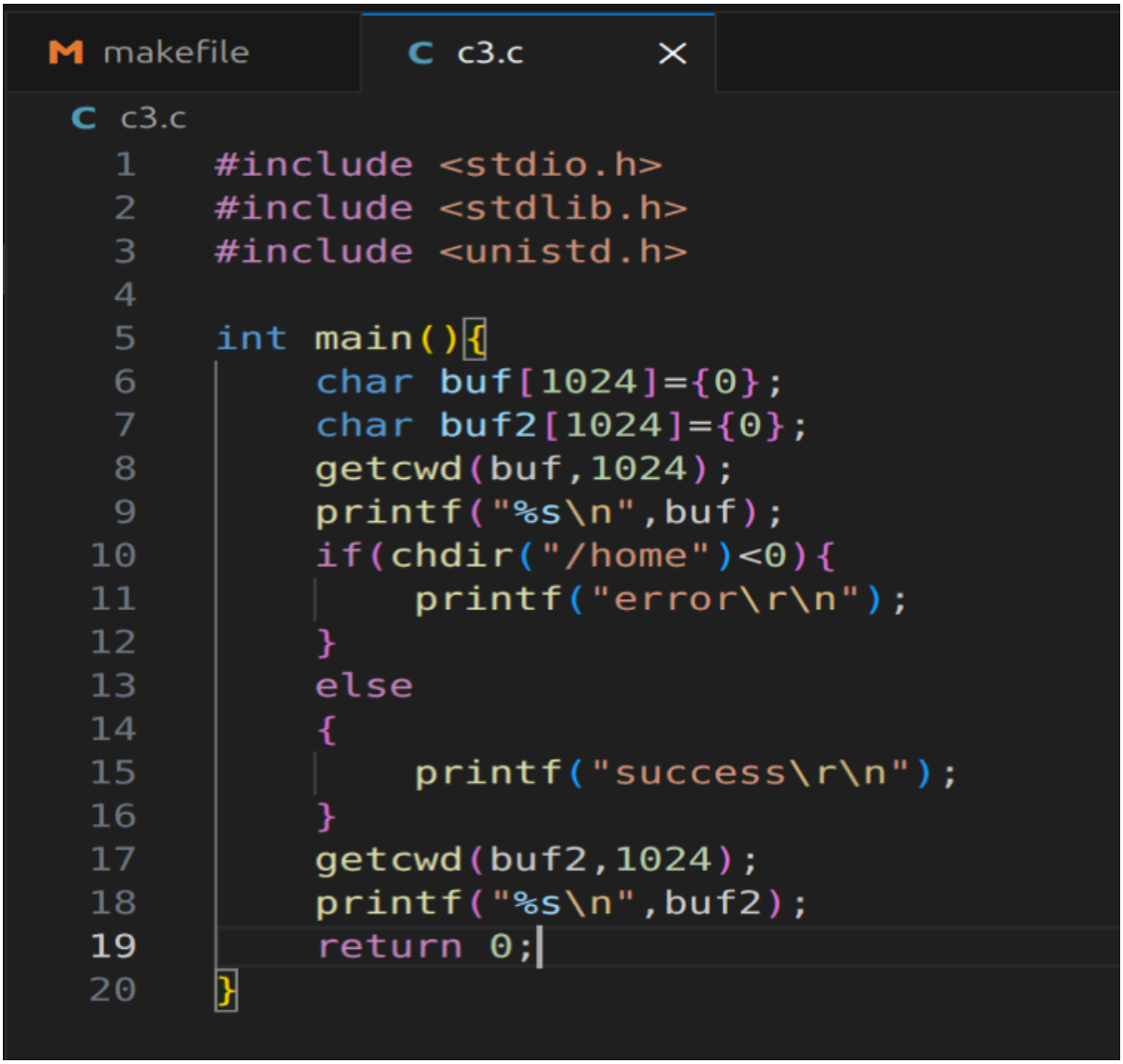
```
hello2:c2.o
    gcc -o hello1 c2.o
c2.o:c2.c
    gcc -c c2.c
clean:
    rm -rf *.o
```

运行：



(3)Task 3

源码



makefile文件

```
makefile
1  hello2:c3.o
2      gcc -o hello1 c3.o
3  c3.o:c3.c
4      gcc -c c3.c
5  clean:
6      rm -rf *.o
```

运行

```
makefile
1  hello2:c3.o
2      gcc -o hello1 c3.o
3  c3.o:c3.c
4      gcc -c c3.c
5  clean:
6      rm -rf *.o

yjz@yjzpwn:~/C$ make
gcc -c c3.c
gcc -o hello1 c3.o
yjz@yjzpwn:~/C$ ./hello1
/home/yjz/C
success
/home
yjz@yjzpwn:~/C$
```