

Experiment 3

(1) Task 1

```
wmm@wmm-VMware-Virtual-Platform:~/experiment3$ vi c1.c
wmm@wmm-VMware-Virtual-Platform:~/experiment3$ vi Makefile
wmm@wmm-VMware-Virtual-Platform:~/experiment3$ make
gcc -c c1.c
gcc -o hello1 c1.o
wmm@wmm-VMware-Virtual-Platform:~/experiment3$ echo "Task1:Test file content for C1 program" > test1.txt
wmm@wmm-VMware-Virtual-Platform:~/experiment3$ ./hello1 test1.txt
Task1:Test file content for C1 program
wmm@wmm-VMware-Virtual-Platform:~/experiment3$ Q23010101wym
```

```
wmm@wmm-VMware-Virtual-Platform:~/experiment3$ vi c1.c
wmm@wmm-VMware-Virtual-Platform:~/experiment3$ vi Makefile
wmm@wmm-VMware-Virtual-Platform:~/experiment3$ make
gcc -c c1.c
gcc -o hello1 c1.o
wmm@wmm-VMware-Virtual-Platform:~/experiment3$ make clean
rm -rf *.o
wmm@wmm-VMware-Virtual-Platform:~/experiment3$ ls -l
总计 68
-rw-rw-r-- 1 wmm wmm 516 12月 12 10:06 c1.c
-rw-rw-r-- 1 wmm wmm 541 12月 11 19:57 c2.c
-rw-rw-r-- 1 wmm wmm 429 12月 11 20:06 c3.c
-rwxrwxr-x 1 wmm wmm 16176 12月 12 10:07 hello1
-rwxrwxr-x 1 wmm wmm 16176 12月 11 19:57 hello2
-rwxrwxr-x 1 wmm wmm 16136 12月 11 20:06 hello3
-rw-rw-r-- 1 wmm wmm 169 12月 12 10:07 Makefile
-rw-rw-r-- 1 wmm wmm 39 12月 11 19:44 test1.txt
wmm@wmm-VMware-Virtual-Platform:~/experiment3$ Q23010101wym
```

(2) Task 2

```
wmm@wmm-VMware-Virtual-Platform:~/experiment3$ vi Makefile
wmm@wmm-VMware-Virtual-Platform:~/experiment3$ vi c2.c
wmm@wmm-VMware-Virtual-Platform:~/experiment3$ make
gcc -c c2.c
gcc -o hello2 c2.o
wmm@wmm-VMware-Virtual-Platform:~/experiment3$ ./hello2 .
test1.txt
c2.c
hello1
..
Makefile
hello2
.
c1.c
c2.o
c1.o
wmm@wmm-VMware-Virtual-Platform:~/experiment3$ Q23010101wym
```

```
wmm@wmm-VMware-Virtual-Platform:~/experiment3$ vi c2.c
wmm@wmm-VMware-Virtual-Platform:~/experiment3$ vi Makefile
wmm@wmm-VMware-Virtual-Platform:~/experiment3$ make
gcc -c c2.c
gcc -o hello2 c2.o
wmm@wmm-VMware-Virtual-Platform:~/experiment3$ ls -l
总计 72
-rw-rw-r-- 1 wmm wmm 516 12月 12 10:06 c1.c
-rw-rw-r-- 1 wmm wmm 541 12月 12 10:11 c2.c
-rw-rw-r-- 1 wmm wmm 2064 12月 12 10:13 c2.o
-rw-rw-r-- 1 wmm wmm 429 12月 11 20:06 c3.c
-rwxrwxr-x 1 wmm wmm 16176 12月 12 10:07 hello1
-rwxrwxr-x 1 wmm wmm 16176 12月 12 10:13 hello2
-rwxrwxr-x 1 wmm wmm 16136 12月 11 20:06 hello3
-rw-rw-r-- 1 wmm wmm 174 12月 12 10:13 Makefile
-rw-rw-r-- 1 wmm wmm 39 12月 11 19:44 test1.txt
wmm@wmm-VMware-Virtual-Platform:~/experiment3$ make clean
rm -rf *
wmm@wmm-VMware-Virtual-Platform:~/experiment3$ ls -l
总计 68
-rw-rw-r-- 1 wmm wmm 516 12月 12 10:06 c1.c
-rw-rw-r-- 1 wmm wmm 541 12月 12 10:11 c2.c
-rw-rw-r-- 1 wmm wmm 429 12月 11 20:06 c3.c
-rwxrwxr-x 1 wmm wmm 16176 12月 12 10:07 hello1
-rwxrwxr-x 1 wmm wmm 16176 12月 12 10:13 hello2
-rwxrwxr-x 1 wmm wmm 16136 12月 11 20:06 hello3
-rw-rw-r-- 1 wmm wmm 174 12月 12 10:13 Makefile
-rw-rw-r-- 1 wmm wmm 39 12月 11 19:44 test1.txt
wmm@wmm-VMware-Virtual-Platform:~/experiment3$ Q23010101wym
```

(3) Task 3

```
wmm@wmm-VMware-Virtual-Platform:~/experiment3$ vi Makefile
wmm@wmm-VMware-Virtual-Platform:~/experiment3$ vi c3.c
wmm@wmm-VMware-Virtual-Platform:~/experiment3$ make
gcc -c c3.c
gcc -o hello3 c3.o
wmm@wmm-VMware-Virtual-Platform:~/experiment3$ ./hello3
Current directory: /home/wmm/experiment3
change directory to /home success
New directory: /home
wmm@wmm-VMware-Virtual-Platform:~/experiment3$ Q23010101wym
```

```
wmm@wmm-VMware-Virtual-Platform:~/experiment3$ vi c3.c
wmm@wmm-VMware-Virtual-Platform:~/experiment3$ vi Makefile
wmm@wmm-VMware-Virtual-Platform:~/experiment3$ make
gcc -c c3.c
gcc -o hello3 c3.o
wmm@wmm-VMware-Virtual-Platform:~/experiment3$ ls -l
总计 72
-rw-rw-r-- 1 wmm wmm 516 12月 12 10:06 c1.c
-rw-rw-r-- 1 wmm wmm 541 12月 12 10:11 c2.c
-rw-rw-r-- 1 wmm wmm 429 12月 12 10:15 c3.c
-rw-rw-r-- 1 wmm wmm 2224 12月 12 10:16 c3.o
-rwxrwxr-x 1 wmm wmm 16176 12月 12 10:07 hello1
-rwxrwxr-x 1 wmm wmm 16176 12月 12 10:13 hello2
-rwxrwxr-x 1 wmm wmm 16136 12月 12 10:16 hello3
-rw-rw-r-- 1 wmm wmm 175 12月 12 10:16 Makefile
-rw-rw-r-- 1 wmm wmm 39 12月 11 19:44 test1.txt
wmm@wmm-VMware-Virtual-Platform:~/experiment3$ make clean
rm -rf *
wmm@wmm-VMware-Virtual-Platform:~/experiment3$ ls -l
总计 68
-rw-rw-r-- 1 wmm wmm 516 12月 12 10:06 c1.c
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-rw-rw-r-- 1 wmm wmm 429 12月 12 10:15 c3.c
-rwxrwxr-x 1 wmm wmm 16176 12月 12 10:07 hello1
-rwxrwxr-x 1 wmm wmm 16176 12月 12 10:13 hello2
-rwxrwxr-x 1 wmm wmm 16136 12月 12 10:16 hello3
-rw-rw-r-- 1 wmm wmm 175 12月 12 10:16 Makefile
-rw-rw-r-- 1 wmm wmm 39 12月 11 19:44 test1.txt
wmm@wmm-VMware-Virtual-Platform:~/experiment3$ Q23010101wym
```