

```
M11212913@telnet:~/hw6$ more main.c
#include <unistd.h>
#include <fcntl.h>

int main() {

    int fd1, fd2;
    fd1 = open("foo.bar", O_RDONLY);
    close(0);
    dup(fd1);
    close(fd1);

    fd2 = open("result", O_WRONLY | O_CREAT);
    close(1);
    dup(fd2);
    close(fd2);

    execlp("wc", "wc", (char *)NULL);

    return 0;
}

M11212913@telnet:~/hw6$
```

[more main.c](#)

```
M11212913@telnet:~/hw6$ more foo.bar
hello world

io redirection
systemp call

test123

lllllll

wwwwwwwwww
M11212913@telnet:~/hw6$
```

[more foo.bar](#)

```
foo1bar1 main.c
M11212913@telnet:~/hw6$ gcc main.c
M11212913@telnet:~/hw6$ ls -l
total 16
-rwxr-xr-x 1 M11212913 telnet 7196 2024-11-25 20:30 a.out
-rw-r--r-- 1 M11212913 telnet 74 2024-11-25 20:24 foo.bar
-rw-r--r-- 1 M11212913 telnet 270 2024-11-25 20:30 main.c
M11212913@telnet:~/hw6$ ./a.out
M11212913@telnet:~/hw6$ ls -l
total 20
-rwxr-xr-x 1 M11212913 telnet 7196 2024-11-25 20:30 a.out
-rw-r--r-- 1 M11212913 telnet 74 2024-11-25 20:24 foo.bar
-rw-r--r-- 1 M11212913 telnet 270 2024-11-25 20:30 main.c
-rwxr-Sr-T 1 M11212913 telnet 9 2024-11-25 20:30 result
M11212913@telnet:~/hw6$ more result
13 9 74
```

[gcc main.c](#)

[./a.out](#)

[more result](#)