

For multiple printers part, my thought was: in `setup_shared_mem()` function, firstly check `shm_open(MY_SHM, O_RDWR, 0666)`. If it equals -1, then `shm_open(MY_SHM, O_CREAT, 0666)`. If it's not -1, then attach the shared memory. However my code didn't run successfully, the second printer shows error during the test. Hence I delete that part of code to ensure single printer part can run successfully.

To compile the code, use commands:

```
gcc -o client client.c -lrt -pthread    /    gcc -o printer printer.c -lrt -pthread
```

In the printer server, use command `“./printer n”` to set the size of buffer, which n is the number of slots.

In the client server, use command `“./client x y”` to give jobs, which x is client id and y is the number of pages.