Project 3 Report
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1 step1

1.1 BDS

1.2 BDC

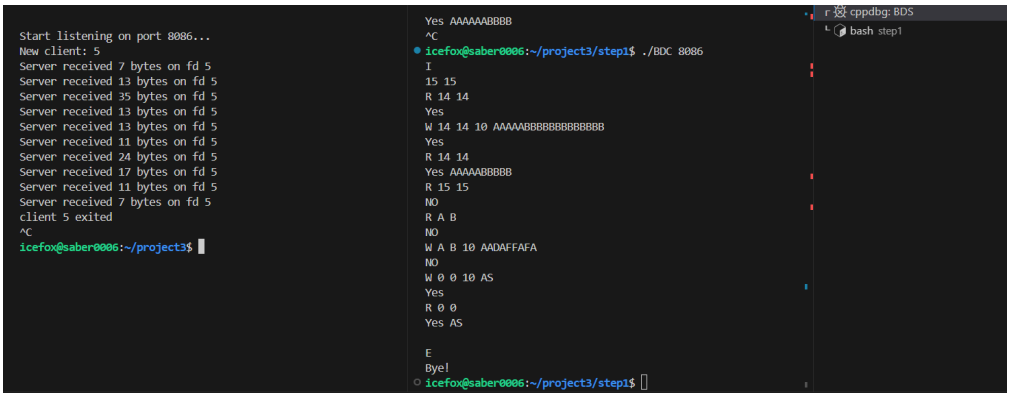

Figure 1: step1 result

figure 1 shows that BDS can response all kinds of command

2 step2

2.1 BDS

2.2 FS

2.3 FC

step 4 cover it

3 step3

3.1 BDS

3.2 FS

3.3 FC

step 4 cover it

4 step4

4.1 BDS

4.2 FS

4.3 FC

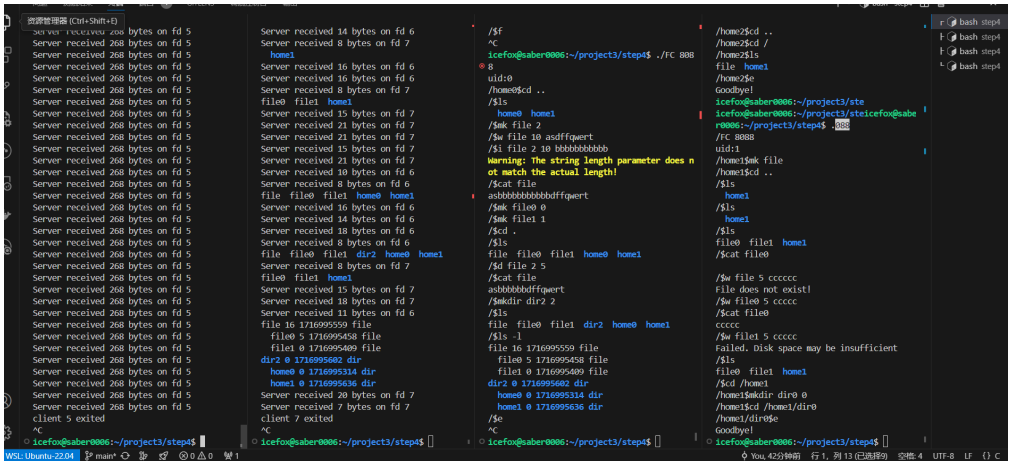

Figure 2: step4 result

Figure 2 show that it can show all kinds of command while more than one clients(users).
Here are some special commands explained:
ls -l: it will ls all the file and dir with its name size time(NULL) type(file or dir);
cd: my project can cd the absolute path like cd /dir/dir and other special path like . ..
file and dir protocol: there is three level file or direction:0 1 2. 0 means everyone can read or write it, 1 means only readable, 2 means neither is able.
no matter what level the file/dir has, super user(uid 0) and its onwer have all the permissions of it.
each home direction for user is 2 level direction. for the project, i use 4 level code:disk operation superblock inode filesystem.