

Both programs use **cmake** build system. So it can be build on both Windows and Linux.

This program copies one file from one place to another. My program checks for errors when opening files for reading and writing. Error is displayed if enough memory does not exist for copying. Files are closed after use. Copies each char from source file to target file with file put char (fputc) and reports size of file copied.

```
[100%] Linking C executable duplicate
[100%] Built target duplicate
→ bin git:(master) □ ./duplicate
duplicate: incorrect number of arguments!
Usage: duplicate <fromfile> <tofile>
→ bin git:(master) □ ./duplicate input.txt output.txt
File copied successfully 15 bytes from file input.txt to output.txt
→ bin git:(master) □ ./duplicate input.txt output.txt
File copied successfully 3252 bytes from file input.txt to output.txt
→ bin git:(master) □
```



This programs is sample chatbot, I only modified the server file to make it work.

..Question2/bin

```
S Socket created
Connected

Enter message : Who_created_you?
Server reply :
Master Justin...
Enter message : What_is_your_name?
Server reply :
My name is server almighty..
Enter message : Hello
Server reply :
Hello, from the other side
Enter message : Hi
Server reply :
You are boring
Enter message : Is_emacs_good?
Server reply :
Yes!!!!.
Enter message : Really ?
Server reply :
I don't know how to answer that,.
Enter message : Server reply :
S I don't know how to answer that,.
Enter message : ^Z
[26] + 2354 suspended ./client
→ bin git:(master) █
```