

 README.md

# OS Assignment-6

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## To run the code

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First go to the directory in which server.c is present and then run the server as :

```
$ gcc server.c
$ ./a.out
```

Then go to the directory in which client.c is present and then run client as :

```
$ gcc client.c
$ ./a.out
```

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## Layout

### Server

- Prints the files that are requested
- If the file is present in the server directory then sends it else prints proper message
- When file is sent then prints accordingly
- Use `Ctrl+C` to exit the server

### Client

- The client side is CLI
  - Completely tokenized (spaces and tabs do not matter)
  - `get <file>` is used to download the requested file
  - `get <file1> <file2> ...` is used to download multiple files (one after the other)
  - If file is not present (or permission to read is not there) then message is printed
  - If file is present then file is downloaded while the percentage and the progress bar is printed
  - `exit` is used to exit the client ( **Do not use Ctrl+C to exit client** )
  - any other command does not affect
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