

Assignment-6

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Background

- The server and client will be two different programs that will be run in different directories.
- The client will create a connection to the server and send requests to download files to the client directory. It will write the files into its directory.
- Progress is printed while downloading the file.
- Error handling, such as requesting missing files, is handled appropriately.

Running

```
$ cd 2019101105/  
$ make
```

This will create two executable files, one for the server and another for the client.

To remove all compiled object files.

```
$ make clean
```

Server

```
$ ./server
```

Client

```
$ ./client <server> <port>
```

To exit.

```
<client> exit
```

Interface

Server

```
Server listening on port 12345.
```

Client

```
<client> get 1gb.txt 2gb.txt  
Download Status (1gb.txt):  
100.00%  
Download Status (2gb.txt):  
100.00%
```

Note

In the implementation, I am using **12345** as the default port on which the server is listening, but if you want to change, you can change it in the **server.cc** file.