Assignment 1 for Network Practice

This assignment must be answered in writing as a journal. It should not be a report containing theoretical chapters. It is a group assignment. You need to hand it in as a group. You can write in English or Danish, but not both.

You need to hand in your journal and your code. Your journal should not exceed 7 pages excluding code. You journal should show:
1. What you have done.
2. Who has done what.
3. Answers for the below questions.
   a. Which FTP client commands do you have to use?
   b. Which FTP client commands besides those could be helpful?
   c. Which FTP server commands would the server need to use?

When you need to hand in is listed under assignments.

You need to make a client program using sockets. You are not allowed to use a FTP library. The program needs to be written in C/C++. The program must connect to an FTP server of your own choosing. (You could use ubuntus FTP server for updates or you could search google www.google.dk/search?q=anonymous+ftp+server.) From this server your program must download two files from different directories and save them locally. If the file is smaller than 1Kb you must print it onscreen. If the file is bigger than 1Kb you must print the first 1Kb onscreen. You must also **try** to upload a file. The sizes and types of files is irrelevant.

You designed an FTP client in Data Communication, now build it in C.