Assignment 4: write three programs in Java programming language to achieve the following functions separately.

1. Given a web page address, download the web page with URLConnection and save it in the computer as a file.
2. Send the file in question 1 to the server with Socket. The server side supports multi-threading, that is, the server can receive files from multiple clients at the same time.
3. Realize the chat between client and server based on UDP with Socket.