



Network Programming

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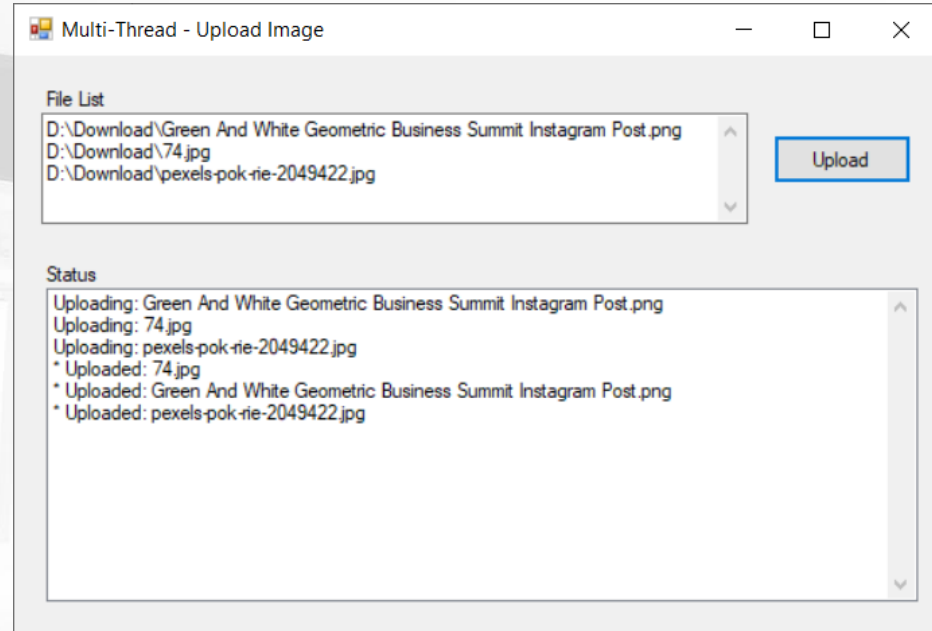
Lab 2

Assignment 1

Write a program which allows you to copy/upload multiple files at the same time. The program consists of an **Upload** button to find and select multiple files.

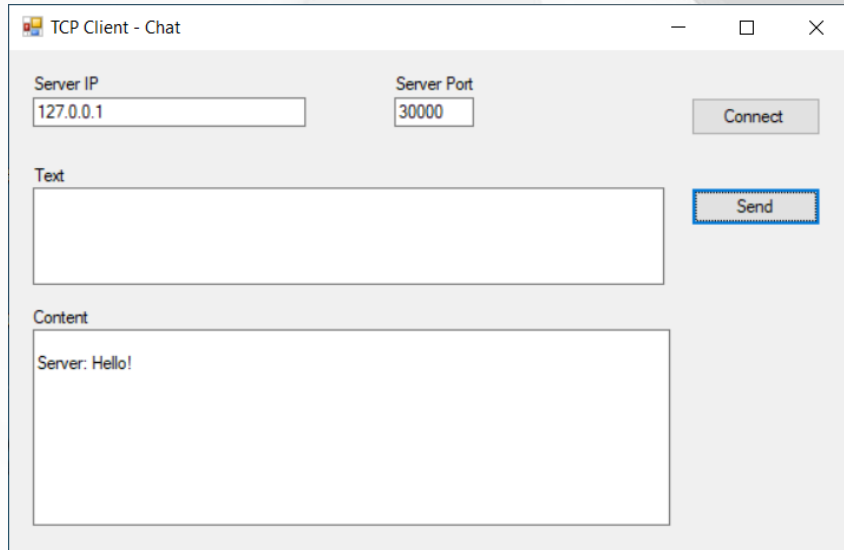
Note:

- Only accept text and image files.
- The program must update a status and show a successful message when it finished its tasks.

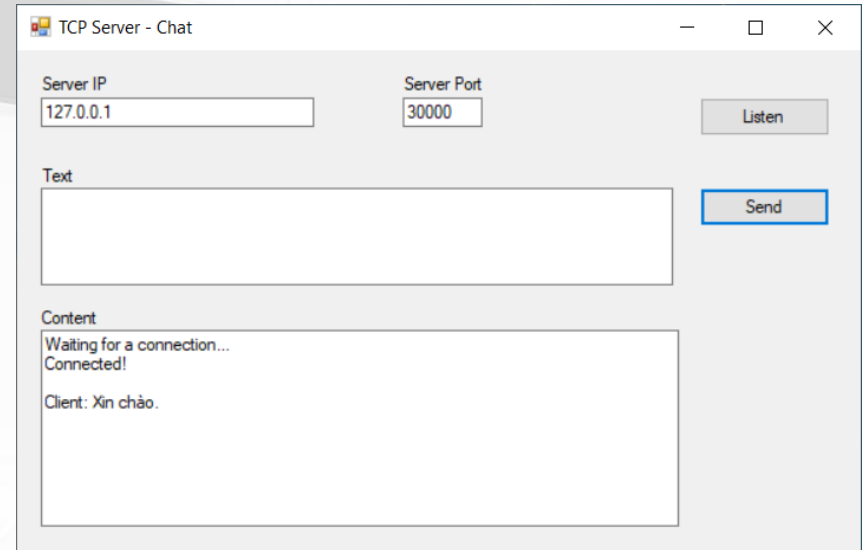


Assignment 2

Write a Chat program using TCP.



The screenshot shows a window titled "TCP Client - Chat". It has a standard Windows title bar with minimize, maximize, and close buttons. The interface includes two input fields at the top: "Server IP" with the value "127.0.0.1" and "Server Port" with the value "30000". To the right of these fields is a "Connect" button. Below the input fields is a "Text" label followed by a large text input area. To the right of this area is a "Send" button. At the bottom is a "Content" label followed by a large text area displaying "Server: Hello!".



The screenshot shows a window titled "TCP Server - Chat". It has a standard Windows title bar with minimize, maximize, and close buttons. The interface includes two input fields at the top: "Server IP" with the value "127.0.0.1" and "Server Port" with the value "30000". To the right of these fields is a "Listen" button. Below the input fields is a "Text" label followed by a large text input area. To the right of this area is a "Send" button. At the bottom is a "Content" label followed by a large text area displaying "Waiting for a connection...", "Connected!", and "Client: Xin chào."

Assignment 3

Write a client program which send an image (.jpg, .png, .gif) and a server program which receives it.

