



Network Programming

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Lab 5

Assignment 1

Continue completing the FTP program

Write a program which can connect to a FTP server app to implement the following functions:

- Log in
- Upload File
- Download File
- Rename
- Delete
- List files and folders in both client and server side

Assignment 1

Continue completing the FTP program

The image shows a screenshot of a Windows Manager application window titled "Windows Manager". The interface is designed for managing an FTP connection. It includes input fields for "Server" (ftp://127.0.0.1), "User name" (anonymous), "Port" (21), and "Password". A "Log in" button is positioned to the right of the password field. Below these, there is a "Path" input field. On the left side, there is a "Tree View" showing a directory structure with "C" and "D" drives. In the center, there are two large empty boxes labeled "Folders" and "Files". To the right of these boxes are buttons for "Upload", "Download", "Delete", and "Rename". On the far right, there is a "Status" section with a large empty box, a "Path" input field, another "Folders" box, a "Back" button, and a "Files" box. The interface is light gray with white input fields and buttons.

Windows Manager

Server:

User name: Port:

Password:

Log in

Path:

Tree View

- C
- D

Folders

Files

Upload

Download

Delete

Rename

Status

Path:

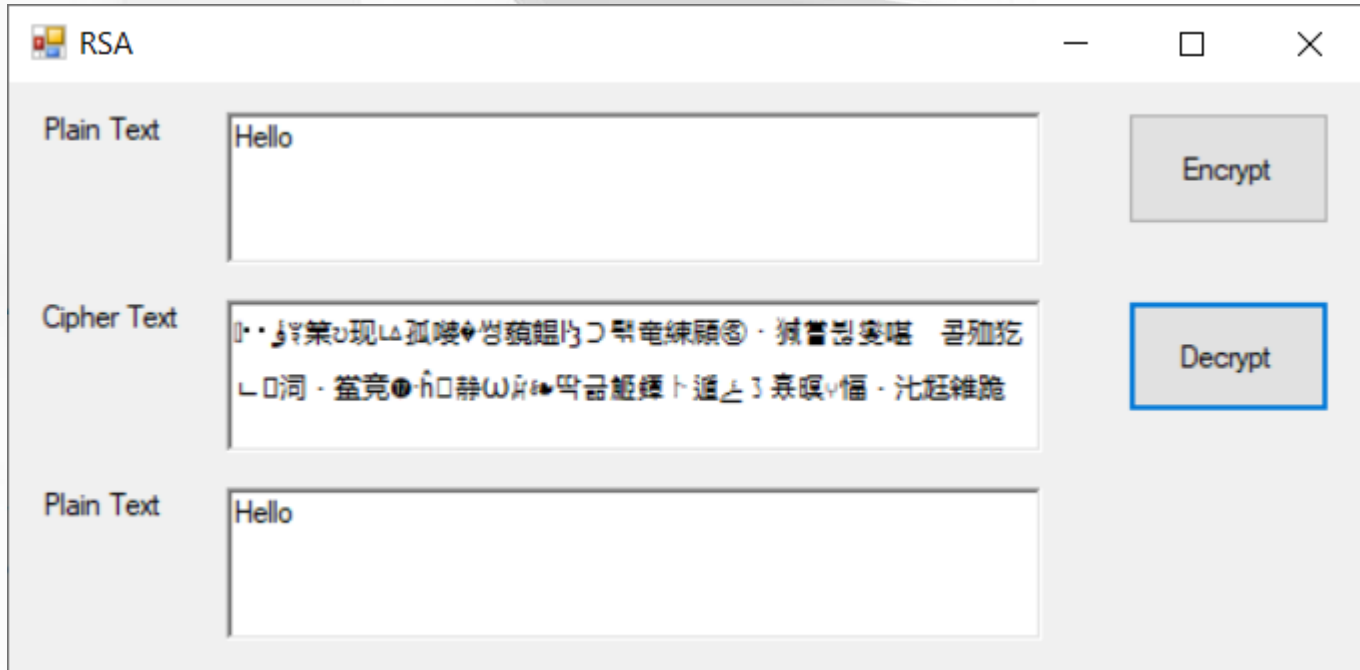
Folders

Back

Files

Assignment 2

Write a program to encrypt and decrypt a string using RSA algorithm.



The screenshot shows a window titled "RSA" with standard Windows window controls (minimize, maximize, close). The window contains three text input fields and two buttons. The first input field, labeled "Plain Text", contains the word "Hello". To its right is a button labeled "Encrypt". The second input field, labeled "Cipher Text", contains a string of garbled characters. To its right is a button labeled "Decrypt", which is highlighted with a blue border. The third input field, also labeled "Plain Text", contains the word "Hello".

Assignment 3

Write a program to encrypt and decrypt a string using AES algorithm.

[illegible]