

Final Exam Program: Encrypt and Decrypt

Due May 9, 2013 by 11:59pm	Points 100	Submitting a file upload
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Read Chapter 19 on Binary IO.

In this assignment, you must design a GUI to allow the user to select a text file (I recommend using the JFileChooser class) and a "key". Using the key and the approach described in class, encrypt the text in the file and save the encrypted file (you can use the same file name with a different file extension if you choose).

Your user interface should also allow the user to select an encrypted file and enter a key. The program should decrypt the file and save the decrypted contents into another text file.

Submit your zipped netbeans project by the due date. NO LATE PROGRAMS WILL BE ACCEPTED -- THIS IS AN EXAM!

50% of the credit is based upon how easy it is to use the GUI.

50% of the credit is for the correctness of the encryption and decryption algorithm.

