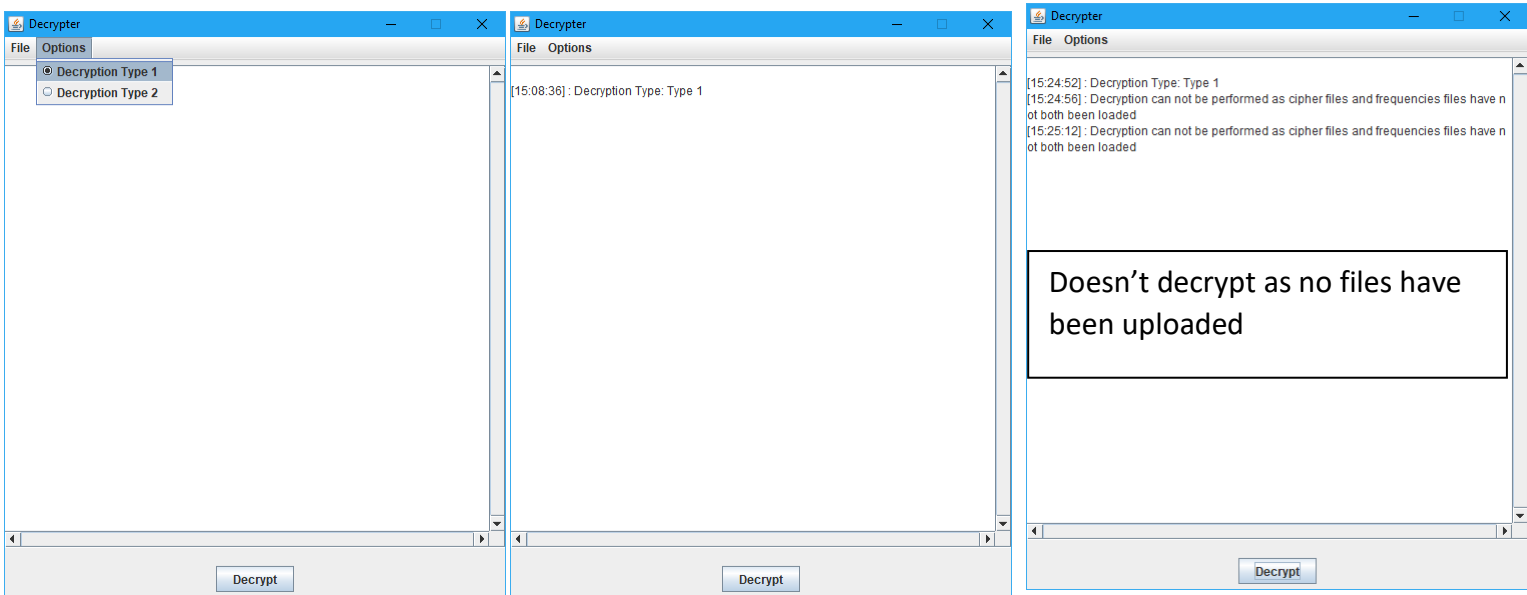
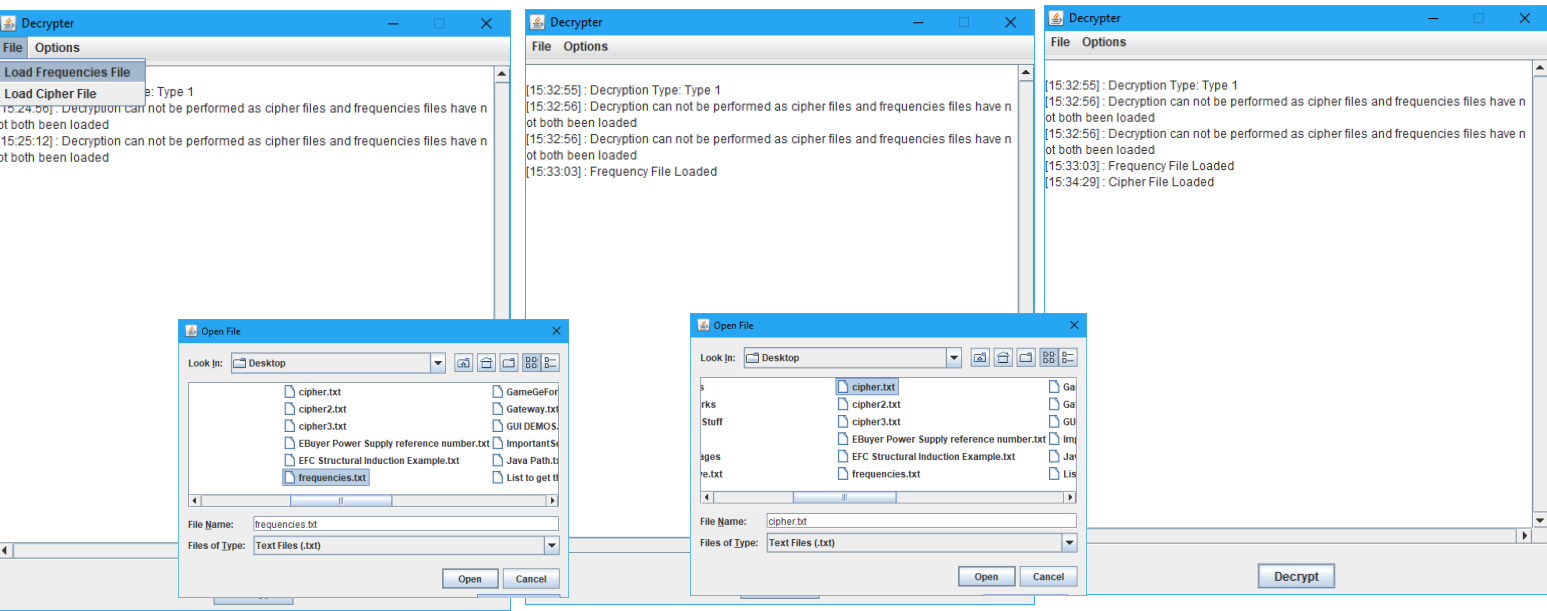


Decrypter – Test Plan

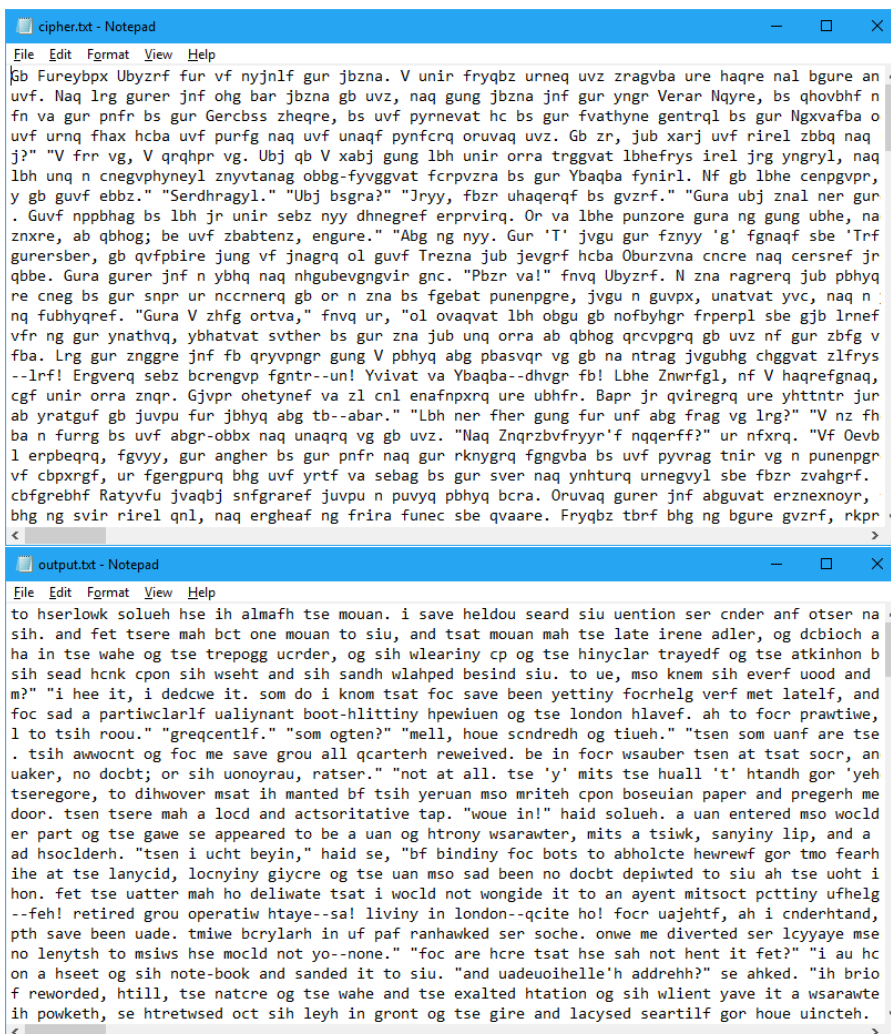
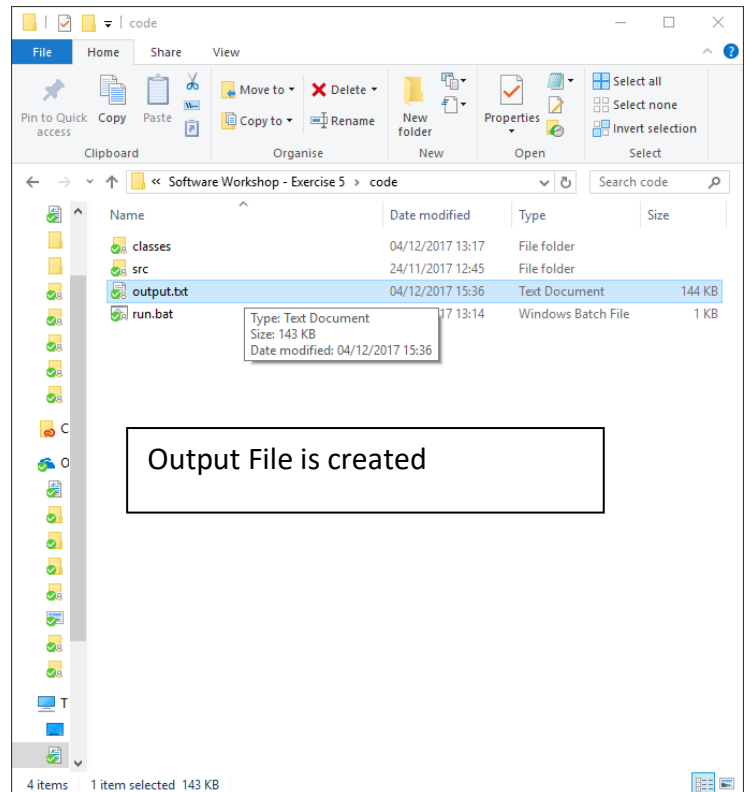
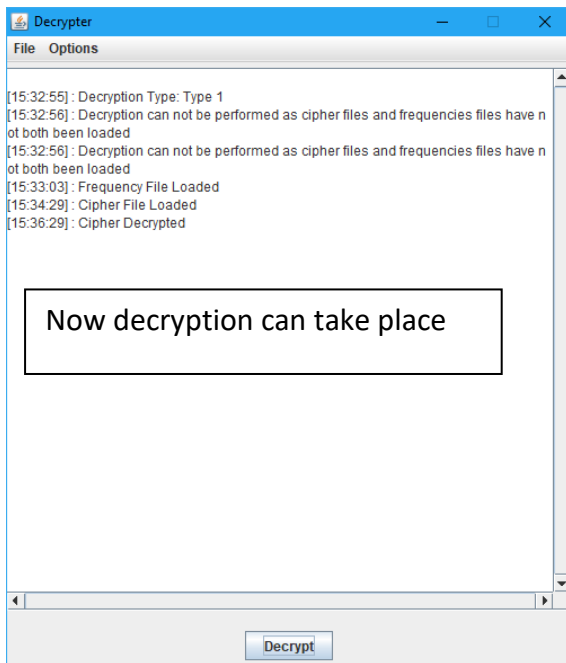
Functionality	Expected Behaviour	Actual Behaviour	Occurs When
Load Frequencies File	Open up the JFileChooser and return the file path of the selected file to the model	Works as intended	Load Frequencies Menu item is clicked
	Read the frequencies into a HashMap that relates each character to its frequency	Works as intended	
Load Cipher File	Open up the JFileChooser and return the file path of the selected file to the model	Works as intended	Load Cipher Menu item is clicked
	Creates a character frequency hash map which maps each character to its frequency within the cipher, using the number of each character in the cipher	Works as intended	
Set Decryption Type 1	Set the type value in the DecrypterModel to TYPE_1	Works as intended	Decryption Type 1 Radio button is clicked
Set Decryption Type 2	Set the type value in the DecrypterModel to TYPE_2	Works as intended	Decryption Type 2 Radio button is clicked
Decrypt	If a cipher file and frequencies file have been loaded, then decrypt using the appropriate type of decryption	Works as intended	When the Decrypt button is clicked
	Apply type 1 cipher correctly	Works as intended	
	Apply type 2 cipher correctly	Works as intended	
Check that a Cipher file and a Frequencies file have been loaded	A method that returns the boolean value true if both files have been loaded and false otherwise	Works as intended	When the Decrypt button is clicked



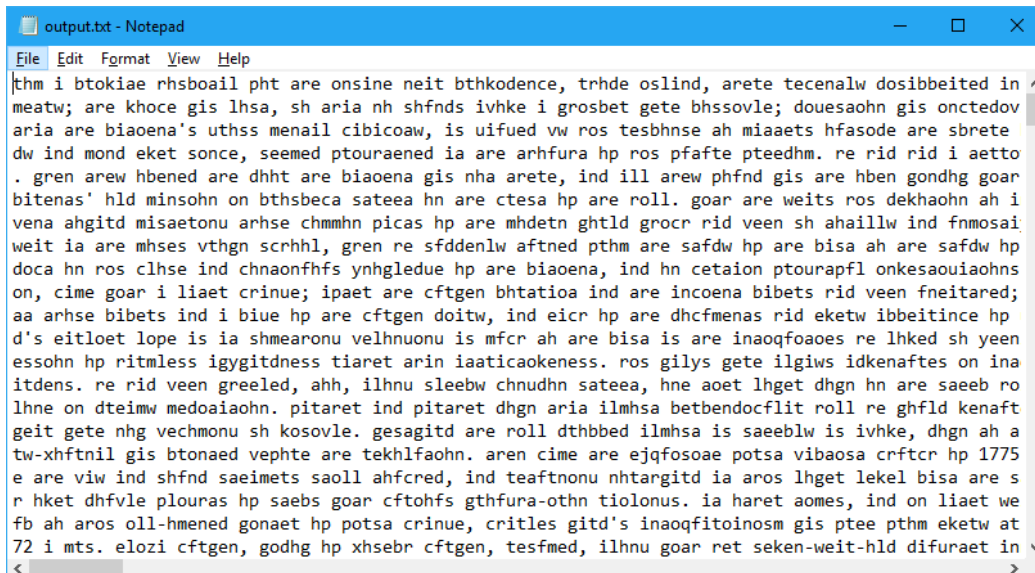
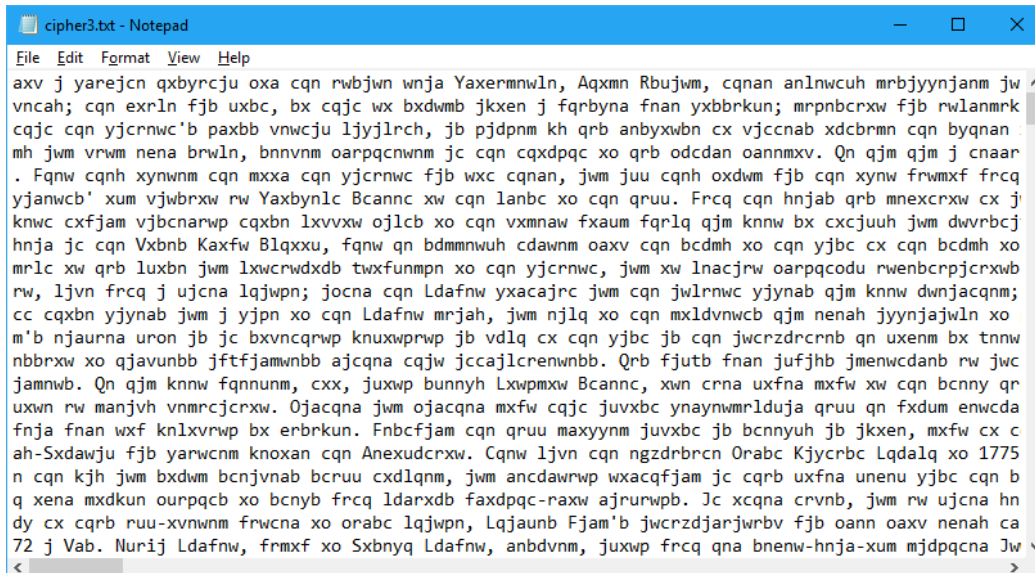
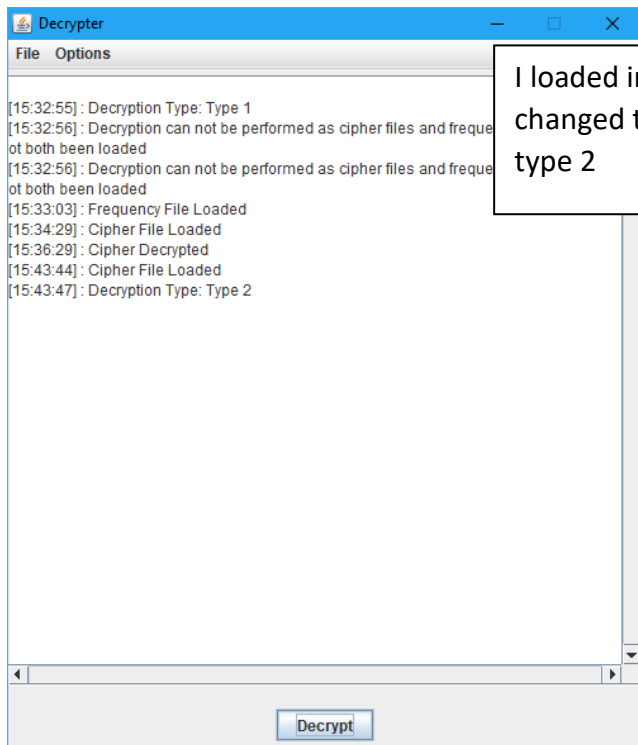
Testing Set Decryption Type and Decryption



Testing Loading in Files



The cipher isn't decrypted entirely, but the decrypter works how it is supposed to



Yet again the cipher isn't fully decrypted but the decrypter works how it is supposed to using the second method