**Encryption:**

1. Program will ask user to give the location of the excel file of which to encrypt each worksheet.
   1. Append to the word file the date of the encryption.
   2. Append to word file the location of the excel file to be encrypted
2. Program will ask user to input the desired directory in which to output the .crzy files to.
3. Sub will loop through each sheet, convert each sheet to its string value.
4. The string will then be converted into an array.
5. The program will create a new encryption array
6. Each character in the original array will be encrypted according to a VLOOKUP encryption algorithm found in the applications second sheet, titled “Encryption Table”.
   1. Add 1 to numofcharactersencrypted. This variable is local within the loop / function and will be used to input into database for each sheet in the workbook.
7. This encryption list will then be joined with the “|” character as a string.
8. This new encrypted string will be outputted to a file that matches the name of the sheet in the directory specified.
   1. Append to word file the directory of the file that is outputted. Write “Encryption Success”
   2. Write to database the file being encrypted, the sheet name, number of characters encrypted, the translation factor, the date of the encryption, and the output file directory.