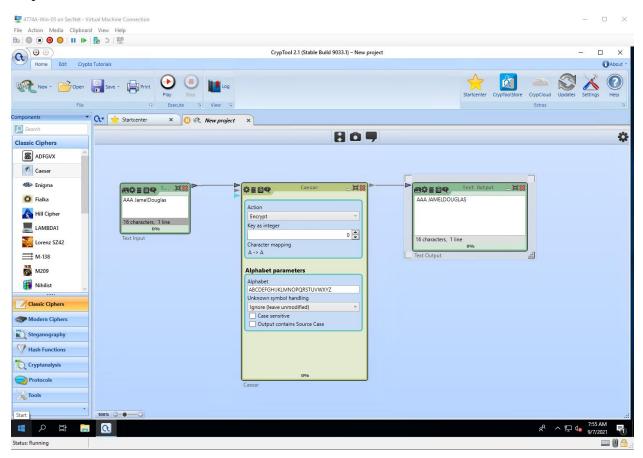
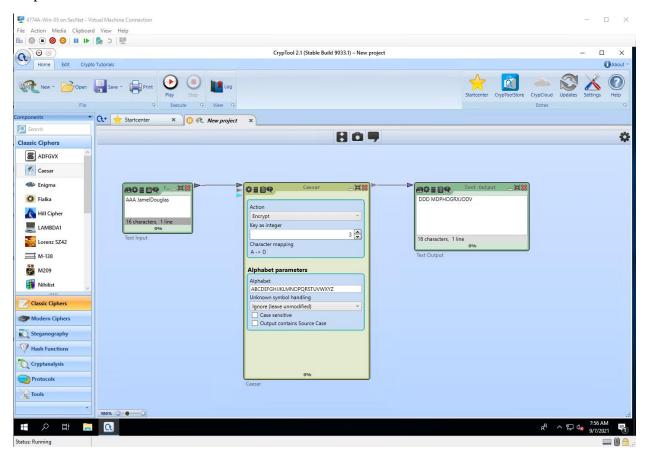
Jamel Douglas JED18C Lab 2 – Enigma & CrypTool 9/7/2021

16.6 CrypTool V2

Screenshots

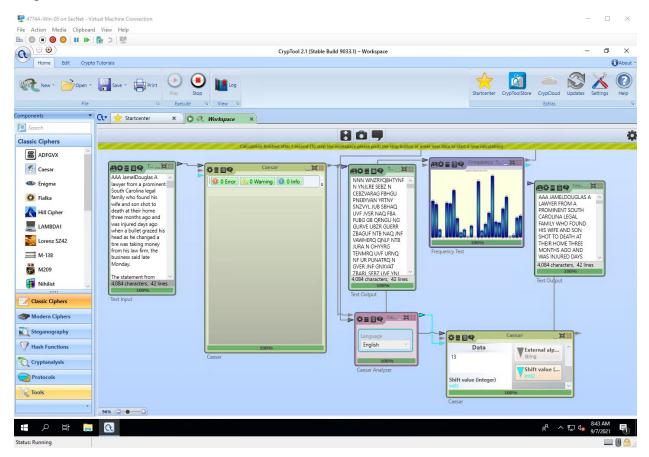












Project Questions

- 1. My random key value was 13
- 2. My name shifted 3 times is MDPHO GPXJODV
- 3. The percent frequency for the letter H was 3.52%
- 4. The lowest percent frequency on my chart was 0.03. This correlated with letters D and M

Thought Questions

- 1. Caesar shift only shifts the "value" by a certain amount. If you match up the frequencies of letters in the ciphertext to frequencies of how letters are used, you can somewhat visualize the shift.
- 2. I think that A, I, O, U, and Y are other letters that are common in the English language. These letters are vowels
- 3. Caesar shift would not be considered a secure method of encryption because it can be easily cracked with a frequency analysis, as proven in this lab.
- 4. It is possible to try all the Caesar shifts in English because there are only 25 different ways the alphabet can be shifted.