Lab 01 Template – Ethan Roepke

**Answer the first three questions in a pdf file and upload it to Canvas.  Questions 4 -6 remind you to upload your python code.**

1. **For Part 01, what’s the name of a Shift by N cipher with a key of 3? (5 points)**

Caesar Cipher

1. **Document (output copy and pasted into pdf file) each potential solution you arrived at for Part 03.  For each attempt of the key you will include the N used in the shift and the plaintext output from the N.  *Did you shift LEFT?*  (10 points)**

Testing shift by: 1: NLAAVAOLJOVWWH

Testing shift by: 2: MKZZUZNKINUVVG

Testing shift by: 3: LJYYTYMJHMTUUF

Testing shift by: 4: KIXXSXLIGLSTTE

Testing shift by: 5: JHWWRWKHFKRSSD

Testing shift by: 6: IGVVQVJGEJQRRC

Testing shift by: 7: HFUUPUIFDIPQQB

Testing shift by: 8: GETTOTHECHOPPA

1. **Document in the pdf what the plaintext message is.  *Did you shift LEFT?*  (10 points)**

GETTOTHECHOPPA

1. **Submit your commented code from Part one as “Lab01\_part01.py” to canvas (20 points)**

1. **Submit your commented code from Part two as “Lab01\_part02.py” to canvas**

**(20 points)**

1. **Submit your commented code from Part three as “Lab01\_part03.py” to canvas  *Did you shift LEFT?*  (35 points)**