

Lab D

Student: Joaquin Saldana

In testing my program I used as my input file the test.txt file attached.

For output I created multiple files. This includes the following:

1. Exampleone.txt (contains the copy of the input file)
2. Exampletwo.txt (contains the uppercase transformation file)
3. Examplethree.txt (contains the encrypted transformation file)
4. Examplefour.txt (contains the cipher transformation file)

This files are included in a separate folder of my zip file in the event you wish to review it yourself.

Below are some examples of what was printed to console and the output files.

This program will convert a file into multiple different files

First it will create for you a copy of the input file

Second, it will provide you a copy of the input file but encrypted

Third, it will tranform the entire input file to UPPERCASE

Lastly, it will modify the input file to all uppercase and 5 letter groups

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What's the name of the file you wish to use for input in this program?
test.txt

What's the name of the file you wish to create for output of the copy
filter example? exampleone.txt

OUTPUT OF COPY FILTER TRANSFORMER EXAMPLE

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This is a test string

My name is Joaquin Saldana and I\325m currently a student at OSU

Currently taking course CS162 Intro to Computer Programming.\377

What's the name of the file you wish to create for output of the
uppercase filter example? exampletwo.txt

OUTPUT OF UPPER CASE FILE FILTER TRANSFORMER

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THIS IS A TEST STRING

MY NAME IS JOAQUIN SALDANA AND I\325M CURRENTLY A STUDENT AT OSU

CURRENTLY TAKING COURSE CS162 INTRO TO COMPUTER PROGRAMMING.\377

What's the name of the file you wish to create for output of the encryption filter example? examplethree.txt

What do you wish to be the encryption key? Must pick a number between 50 and 150: 88

OUTPUT OF ENCRYPTION CASE FILE FILTER TRANSFORMER

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\254\300\301\313x\301\313x\271x*\313\314x\313\314\312\301pebeb\245\321
xǧŽx\301\313x\242ñ\311\315\301\306x\253\271l\271ǧx\2715x\241-
\305x\273\315\312'\306\314\304\321x\271x\313\314c\275\306\314x\271\314
x\247\253\255xebeb\233\315\312'\306\314\304\321x,\303\301px\273\307\31
5\312lx\233\253\211\216\212x\241\306\314\312\307x\314\307x\233\307\305
\310\315*\312x\250\312ó'\305\305\301p\206w

What's the name of the file you wish to create for output of the cipher text filter example? examplefour.txt

OUTPUT OF CIPHER TEXT FILE FILTER TRANSFORMER

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LGSDE NFIKL IKAJI [HFHL EMDQC VWGGR JGBQX GDZ[Q VTIIJ DEFDC HBAKC
HEXFI ZVJGM HJAKH FFCCU EJDEK ZEADW CMCIZ AVMKM HAEES JCQNC BWCGO
LJAZM PDHHH BTECE AFFXI HSQDT HZDFD MWNMC SGKLF A0

The program has finished. Check the files to see the outcomes.

Thanks!!

Program ended with exit code: 0

Another test run on FLIP showed the following did the following: