

CS 430 - Introduction to Computer Security

Project 3

Obtain the file stego.zip from the textbook website (also on Canvas).

Problem 1

- ✓ Use the program stegoRead to extract the hidden file contained in aliceStego.bmp.
- ✓ Use the programs to insert another file into a different (uncompressed) image file and extract the information.
- ✓ Provide screen snapshots of the image file from part b, both with and without the hidden information. They should be indistinguishable.

Problem 2

- ✓ Write a program, stegoDestroy.c, that will destroy any information hidden in a file, assuming that the information hiding method in stego.c might have been used. Your program should take a bmp file as input, and produce a bmp file as output. Visually, the output file must be identical to the input file.
- ✓ Test your program on aliceStego.bmp. Verify that the output file image is undamaged. What information does stegoRead.c extract from your output file?

What to upload in a compressed folder (Canvas): Your code, the results, your conclusions/observations.