Steganography Lab 1

Setup

- Download and save the files from https://github.com/reelru/StegoDFA
- Make sure that 010 editor is installed on your machine (or your hex editor of choice)

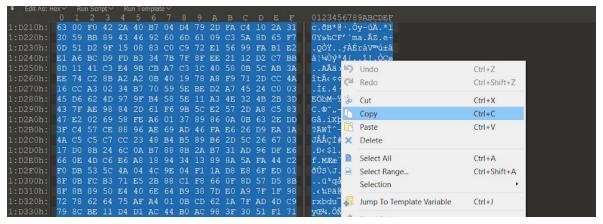
Hiding a file

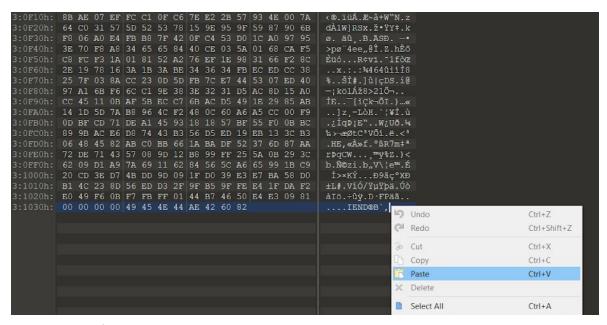
- Open the image file in 010 editor
- Find the end of the file, after the hex "49 45 4E 44 AE 42 60 82"

```
: 06 48 45 82 AB CU BB 66 1A BA DF 52 37 6D 87 AA
: 72 DE 71 43 57 08 9D 12 B8 99 FF 25 5A 0B 29 3C
: 62 09 D1 A9 7A 69 11 62 84 56 5C A6 65 99 1B C9
: 20 CD 3E D7 4B DD 9D 09 1F D0 39 E3 E7 BA 58 D0
: B1 4C 23 8D 56 ED D3 2F 9F B5 9F FE E4 1F DA F2
: E0 49 F6 0B F7 FB FF 01 44 B7 46 50 E4 E3 09 81
: 00 00 00 00 49 45 4E 44 AE 42 60 82

....IEND®B`,
```

- Open a file of your choice in 010 editor
- Copy the hex of the file and paste it after the trailer hex of the image



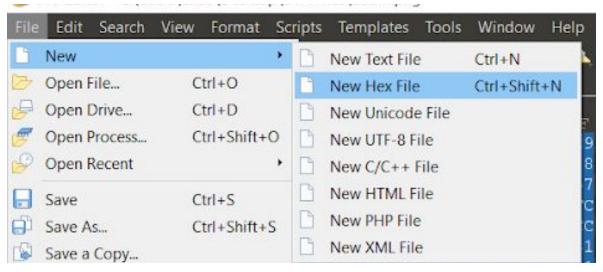


- Save the image
- If you open the image, nothing should've changed except the file size.



Retrieving a File

- Open the file in 010 editor
- By looking at the header in the file, determine what the file extension should be. (psst...)
- Using the file type, find the trailer hex of the file.
- Create a new blank file using 010 editor, and copy the extra data in the file into the blank document.



- Save the file with the correct extension to view the secret :)