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I used Snap to write my programs.

1) Decoding a message

Caesar cipher decoder: [McCoy's simple shift](#) (brute force)

I tweaked a project which I wrote last year (that is in the BJC curriculum).   When I use my OWN script to encode the message, it decodes properly. But when I encoded a message using programs I found on the internet, it does not decode properly. I think that this is because my encoding program doesn't limit itself to 26 letters--it uses all of unicode. This website: https://www.dcode.fr/caesar-cipher#f1 had options to choose the range of the shift, and I got a better result using 1-127 (ASCII keyboard).

2) Encoding a message

Transposition encoder (message to rows of a table, columns read): [McCoy's transposition encoder](#)

Please let me know if you need more explanation. I commented on the code, and Snap is pretty readable...