

Everyday the Americans send an encrypted message of valuable information.

Recently one of our operatives obtained a copy of their encryption program and we have intercepted today's message:

mkZG JY0k%o(+hMVu&%jUQn-CeZas)0lUPg98^Qac#4^QT!9|eaad#(uSTez8vk[a3

I need you to decrypt it.

You will find a flash drive with all the necessary information at ██████████ (location).

Here is an overview of the contents:

- Today's Message: contains today's intercepted message you need to decrypt
- Past Keys and Messages: Look through these to see if you can find any patterns in past messages which are helpful.
- README: The American's README that helps them use their program which should help you too.
- superTopSecretEncryption: The JavaScript code
- Encryption: html website that the American's use to do encryption that you can use
- Decryption: html website that the American's use to do encryption that you can use

The flash drive should have everything you need; however, we had some ██████████ operatives working on this project who unfortunately were eliminated.

They were working in the ██████████ so you might be able to find some valuable information they left behind.

Hints on Next Page

Please try to solve without these hints first. If it is taking too long or you are stuck please use them.

HINTS IN THE FORM OF VALUABLE INFORMATION LEFT BEHIND

1. Every key is a six digit number
2. Every message begins with the date in this form "Month #:"
3. Uppercase and Lowercase matter
4. It's a vigenere cipher with ascii dec values for the characters
5. Solution #1: Solve by looking through the code and figuring out how to reverse engineer the key
6. It begins with June 15, so use that to figure out the key
7. Solution #2: Use the html website to test each number one at a time
8. Turns out each digit of the 6 digit number is independent in the encryption process so it doesn't matter which numbers come before or after
9. Solution #3: Write a loop calling the decrypt function for every six digit number
10. Only display options that begin with June 15: