

**Messages for testing helpers in red.
You can use any methods available to you.**

Previous Clue:

We have intercepted an [REDACTED] message that needs to be decrypted.
You will find a flash drive with all the necessary information at [REDACTED].

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

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

**Please attempt to find a solution without these.
I want to know how difficult it is and whether the hints are helpful/necessary/unhelpful/how many are needed/etc.
I want it to take between 5-30 minutes to solve from first getting the files so if it's taking too long use the hints.**

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: Write a loop calling the decrypt function for every six digit number
8. Only display options that begin with June 15:

Real DANGER ZONE. CODE SOLUTION. Put this at end of javascript and run it

```
var interceptedCipherText = "mkFtMJX0WR=(+h9$A93dWr@z'aA}598^=/1)([X/'z,$WVv=)(uB~0G"
for (let i = 100000; i < 1000000; i++) {
  let plainText = decrypt(interceptedCipherText, i)

  if ("J" == plainText.charAt(0) && "u" == plainText.charAt(1) && "n" == plainText.charAt(2) && "e" == plainText.charAt(3) && " " == plainText.charAt(4) && "1" ==
plainText.charAt(5)){
    console.log(plainText)
  };
};
```