

MysteryTwister C3

THE CRYPTO CHALLENGE CONTEST

THE BOOK CODE: A CHALLENGE FOR BOOKWORMS

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You found the following ciphertext in an intercepted letter addressed to your mysterious neighbor:

15.00 1.41 6.01 13.21 6.03 9.07 10.02 8.15 23.05 2.52 3.02 11.56
7.29 23.22 2.16 14.14 6.06 21.13 5.03 2.13 11.09 15.15 11.57 20.59
17.36 2.58 19.01 16.01 1.01 18.24 3.14 24.19 20.39 6.23 5.24 2.52
8.04 21.26 4.60 13.17 16.24 1.18 4.35 12.18 11.62 19.44 9.23

After some investigating, you suspect that these numbers must be a message encoded with the so-called book code.

Book Code

The book code works as follows:

Both parties agree upon a page of a book, a poem, a journal or an established document like the Bill of Rights.

Each party numbers the lines of the document starting with 1, the columns are marked by double-digit numbers. Here, you start with 00, 01,

Each letter of the plaintext is encrypted by finding the respective letter in the chosen document and determining its line and column number:

line.column

This encryption method is only safe until the attacker finds out which text has been used.

While looking for the secret agreement of the document, you take a closer look at all the intercepted letters. One contains this QR-code:



Maybe it helps you to find the correct document.

Your task is to first find the document used for the book code. Then you must decrypt the ciphertext and find out to whom this sentence was originally addressed. Please provide this person's first name in capital letters as the solution.

On the Internet, there are several versions of the chosen document. Due to the fact that the format has great impact on the cipher, you are to assume that there are no blank lines, tabs or indented lines. All the lines are represented left-aligned and between the words there are normal space characters.