

Time-frame for this mini project is 7 days

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Task:

You have to implement a command-line application that decrypts a ciphertext encrypted with Vigenère cipher.

The Application should be implemented using C or C++ language for Linux(prefferable) or Windows OS.

Input:

- File with ciphertext, passed as command line parameter;

Output:

- Decrypted plain text;
- key;

Limitations:

- The key length is limited by 12 symbols.
- The language for text is English.

Acceptance criteria:

- Decrypting application;
- Test cases showing proper decoding on different ciphertext sequences;
- Algorithm description;
 - *The quality of the algorithm is evaluated by the minimal length of ciphertext, that was successfully decrypted;*