

Homework Description

The goal of the homework is to decrypt a cryptogram produced by the Vigenère cipher. Every student is assigned with a cryptogram. The task is completed when the student submits a **project report in pdf format**, containing the following items:

1. assigned cryptogram
2. high-level overview of the approach taken to break it
3. provide a description of every action you take to break the cryptogram. Describe why is this step needed, what do you get by executing this step, how you obtain the result, how is the result used, when/where you will need it, etc.
4. If during this process you use some materials (i.e., web resources, books, etc) - please include the the references to them in your report.
5. If you use some tools, include them as well – in the form of a reference, or if you have created the tool yourself, its source code.
6. If appropriate, include relevant screenshots in your report (e.g. the screenshot of your tool running)
7. Provide the decrypted text, as well as the key used to encrypt it.

We assess not the end-result, but the process – your approach taken to break the cryptogram, relevance of the actions taken, etc. Be as detailed as you possibly can when writing your project reports.