



Summer Quiz Crypto No.5

Karel Hynek Mácha

Introduction

Karel Hynek Mácha (1810 – 1836) was a Czech poet and novelist, a representative of Czech romanticism and the founder of modern Czech poetry. He became famous for his work, dominated by the lyrical-epic composition *May* (1836), one of the most published Czech books.

The poet kept a personal diary, including even intimate events from his short life. He wrote these passages using a light but a less common cypher, using his "own" font as well. How complex the cypher was, you can now test for yourself.

We prepared a text for you, which we then encrypted using the procedure he used.

Encrypted text

ΞΣΧϞ ϞϞϞΤΞΤ. ΔΤ ΧΖϞ. ΞΞΙΧ Δ. ΛΣΥ -
 ϞϞΔΞ. Δ ϞΛΞΧ ϞΖΧ - ΥΣΛ ΧΞΞΞϞΧ ϞΖΧ
 ΛϞΞΧΞΤ. ΞΥ ΖΣΞΞϞΧ ΧΖϞ ΧΛΞΧΞϞ-ΧΔϞϞ.
 ΥΣΞ ΙΧΔΔϞϞΤΞΠ ΧϞϞϞΙ ΧΤΣ ΖΖΞΞ ϞϞϞΖϞ.
 ϞΖΞΙΠϞϞΧ Δ. ΞΔϞϞ ΧΖϞ ΛΔΙΙϞΙ. ΞΣΞΞ.
 ΧϞΞΞ ΥΞΧϞϞϞΙ ΙΣ ϞϞϞΧ. ΤΞΞϞϞΔΞ. ϞΖΧ
 ΧΖϞ ϞΔΙϞΙ. ΞΣ. ΞΣΤΧ ΙΞ. Ζ ϞϞΠΞΞϞΧ
 ϞΞΣ. ΤΞΧΖ. ΞΤ ϞΖΧ. Δ Ι. ΤΔΙ-ϞϞΔΞ ΔΧ
 ΞΤ ΙΖΣΧΔϞΥ ϞΔΔΧΙ ΧΖϞ / ΛΞΤΞΙΖϞΧ ΞΣϞϞ
 .ΤΞΣΠ ΧϞϞϞϞΙ Σ ΧϞΤΞΣΞΠΛΔΖ ΥΞϞϞΣΧ
 / Υ ΖΞΞΖΞΞΤ. ΙΖΔϞϞΙ ϞΛ/ΞΣΖϞΧ Σ. ΣΞΤ:
 ϞϞΣΧ ΔΧ ΤϞΔΧ ΧϞΤΣϞΞ ΤΛΙ ΞΣϞΞΖ Ι'ΤϞϞΣϞΖ ΧΤΣ
 Σ ϞΔΣΧ ΣΙΧϞΣΥ ΞΤ ΣΛΛϞ ΧϞϞΠΙ.
 ΙΠϞϞϞ ϞϞϞΔΞ ϞΖΧ ΙϞΣϞΧ. ΤΞΤΞΛ/ ϞϞΞΞ

The Task

As proof that you found out how he specifically used the cypher, write down the second word in the tenth line in the clear (decrypted) text.



Quiz solution please fill before September 10th 2021 on web link:
<https://forms.office.com/r/fDAnyqRvfY>

All solutions of the summer quizzes will be published at the time of the European Cyber Security Challenge (ECSC) 28.9-1.10.2021 at www.ecsc2021.cz



The ECSC Challenge

The European Cyber Security Challenge is an initiative of the European Union Agency for Cybersecurity (ENISA). It works with cybersecurity talent across Europe and helps connect them with leading organisations in the field.

Its main objective is to highlight the importance of national competitions and work with young people in the field of cybersecurity.

This year ECSC will take place in Prague between 28. 9. and 1. 10. 2021, and is organised by the AFCEA Czech chapter (as part of the activities of the European Cybersecurity Month). For more information, see www.ecsc2021.cz