**Deadline**: 07 October 2025

## Task

We want to see what happens when a one-time pad (or stream cipher) key is reused. You are given 11 hex-encoded ciphertexts, each produced by encrypting a different plaintext with the same key.

**Your goal**: decrypt the 11th ciphertext and submit the secret message inside it.

[More details and the ciphertexts are here:](https://www.dropbox.com/scl/fo/50zruygolfcicpd6z856p/h?rlkey=3t5xjy0xm3lqkgh3fpqwbc77r&dl=0)   
<https://www.dropbox.com/scl/fo/50zruygolfcicpd6z856p/h?rlkey=3t5xjy0xm3lqkgh3fpqwbc77r&dl=0>

## Deliverables

1. secret.txt — the recovered plaintext of the last ciphertext.
2. solve.py (or c, cpp, exel,... ) — your working code.
3. README.md — short explanation (≤ 300 words) of your approach.

## Grading (100 pts)

* (70) Correct secret message.
* (20) Clear, runnable code.
* (10) Concise README.