

Capture the Flag (CTF)

50.042 Foundations of Cybersecurity

Reverse gnireenignE

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1. Challenge Description

In this challenge, we introduce Reverse Engineering while augmenting certain materials taught in class. There are 3 encrypted files given to you (Challenge, encrypt1.txt & encrypt2.txt). One of them has contains the encryption scheme. This is all the information you need. Good luck.

2. Hints

Give these hints **sequentially**:

1. Decompile challenge file, where the encryption scheme can be found
2. Encryption scheme is written in c
3. Rainbow table: Plain text length = 6
4. Rainbow table: Charset used = mixalpha-numeric
5. Scrambled image has been split into 8 blocks

3. Original text

Flag: En 6!n3_f0rw0rdISTDu