CHALLENGE: Secret Sharing

CATEGORY: Crypto

AUTHOR: 0xsakthi

LEVEL: EASY

Secret Sharing 295

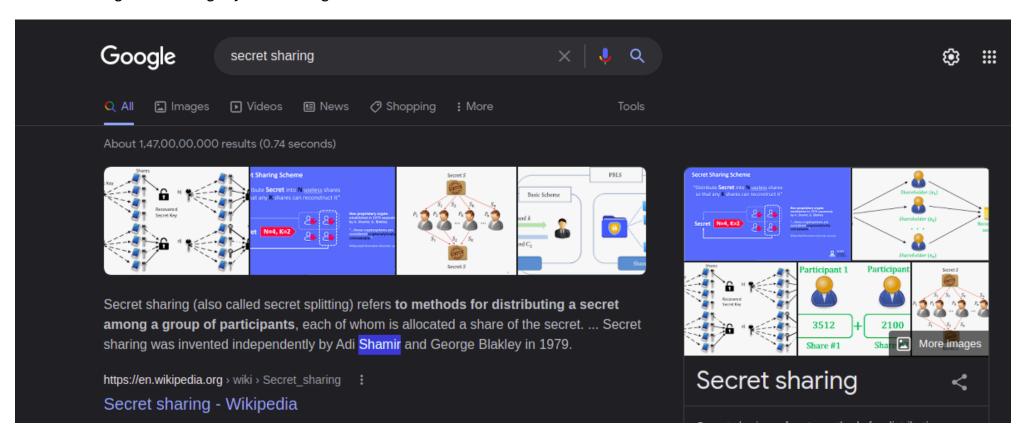
Jo, Pj and Shamir communicating with each other in group, jo ask for a flag, Shamir send's junk of data, did you decrypt this data?

AUTHOR - Oxsakthi

Try to decipher this file

Flag

Secret sharing? something mysterious algorithm...mmm



Shamir? the name also mentioned in the description so the encrypted data is encrypted by Shamir Secret Sharing Algorithm

this is the given data!

python3 have a module, for decrypting Shamir's secret sharing algorithm

Steps To Decode

pip install sslib

required_shares: the number of shares required for recovery;

prime_mod: the prime number P;

shares: a list containing n points of the polynomial Q

(we have these values, so we can decrypt this easily)

flag.py

Result

for more about this module

FLAG

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First Blood: thehackerscrew