

रािशेवाCTF

CHALLENGE NAME :

[PRIMES]

DEV :

[ABHISHEK MALLAV]

CATEGORY :

[CRYPTOGRAPHY]

LEVEL :

[EASY]



2024

vishwaCTF

CHALLENGE NAME : [PRIMES]

Challenge Description :

In the heart of the enigmatic city of Cypheropolis, a mysterious number has emerged, shrouded in secrecy. Your mission is to decipher the hidden message concealed within this cryptic number.

The Number: 26163204577

The Number is a result of two numbers only

Two Numbers are rotated in such a way that the output doesn't contain any numbers.

Big goes first, then the small.

PS : The first two digits seems quite suspicious

Solution :

The Number: 26163204577 has two prime factors hence it is the result of two numbers

The Factors of 26163204577 are 55207×473911

One factor is 6 digits and other is 5 digits

So when we arrange 47391155207 (Big goes first, then the small)

After arranging properly last step is to rotate the number using ROT47 so that the output doesn't contain any numbers

The output after ROT47 is (cfbh``dda_f)

Therefore the flag is **VishwaCTF{cfbh``dda_f}**