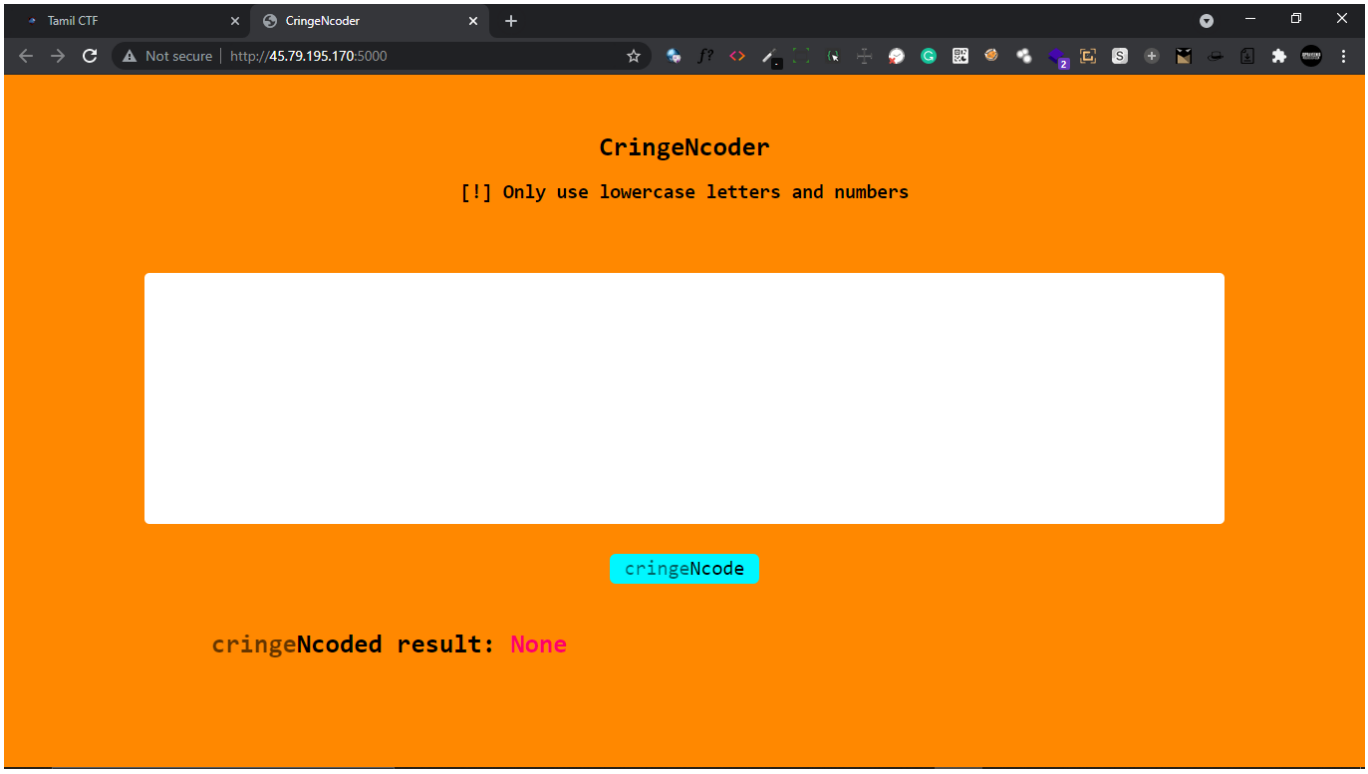
# # CringeNcoder [WEB]

## description

flag is located at flag, but its not flag

## writeup

- First let's see the website



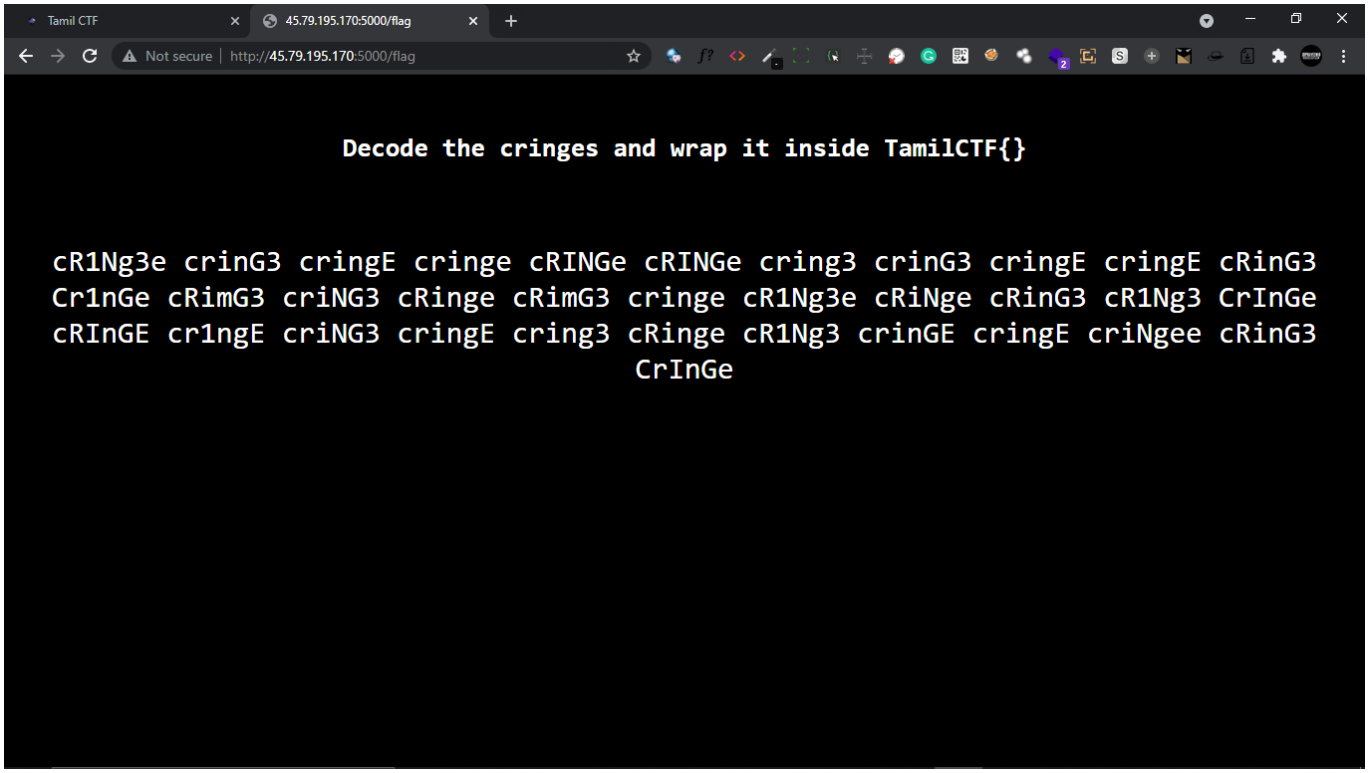

- Lot of cringe XD
- Note this `[!] Only use lowercase letters and numbers`
- Fine, Now let's try something like symbols
- Again it says `Only use lowercase letters and numbers`

- Now let's give input and see what wer're getting

Input : `hello`
Result : `CRINGE cRimG3 cRINGe cRINGe CRIng3`

- Looks like they're using some encoding for each letter
- And they only used [a-z] and [0-9] so they're mentioning us to use lowercase letters and numbers

- In description they said `flag is located at flag, but its not flag`
- Let's see what's there




- Cool here is the cringeNcoded text
- So the goal is to decrypt this

## Making decoder

- First we need their algorithm, to find that let's give a~z and 0~9 as input
- So we know which string they're replacing to make the cringes
- First let's give a~z as input

## a to z

Result `cringe cr1nge cRinge crIng3 cRimG3 cR1Ng3e criNgee CRINGE crinGE ccR1nge CriNGE cRINGe cr1ngE cringE CRIng3 Cr1nGe cR1nnge cR1Ng3 CrInGe cRingE cR1NGE CRiNg3 CRINGe CR1NGe cring3 CRIMNGE`

So the first letter a is = `cringe`
and b is the second string `cr1nge`
and c is the third string `cRinge`

- Cool now let's get results for 0~9 too

## 0 to 9

Result: `cRInGE crinG3 cRInge cRinG3 criNG3 cr1NG3 crinGe cRiNge CrInGE CRinGE`

- By using these things we can make a python script to decode this

# Decoder script

```python
# let's put what we got in a dictionary
cringes_text = {

'a':'cringe','b':'cr1nge','c':'cRinge','d':'crIng3','e':'cRimG3',
```

```
'f':'cR1Ng3e','g':'criNgee','h':'CRINGE','i':'crinGE','j':'ccR1ng


'k':'CriNGE','l':'cRINGe','m':'cr1ngE','n':'cringE','o':'CRIng3',


'p':'Cr1nGe','q':'cR1nnge','r':'cR1Ng3','s':'CrInGe','t':'cRingE'



'u':'cR1NGE','v':'CRiNg3','w':'CRINGe','x':'CR1NGe','y':'cring3',


'z':'CRIMNGE','0':'cRInGE','1':'crinG3','2':'cRInge','3':'cRinG3'


'4':'criNG3','5':'cr1NG3','6':'crinGe','7':'cRiNge','8':'CrInGE',

    '9':'CRinGE'
    }

# here let's put the cringeNcoded message
msg = 'cR1Ng3e crinG3 cringE cringe cRINGe cRINGe cring3
crinG3 cringE cringE cRinG3 Cr1nGe cRimG3 criNG3 cRinge cRimG3
cringe cR1Ng3e cRiNge cRinG3 cR1Ng3 CrInGe cRInGE cr1ngE
criNG3 cringE cring3 cRinge cR1Ng3 crinGE cringE criNgee
cRinG3 CrInGe'

message = msg.split()
key_lst = list(cringes_text.keys())
value_lst = list(cringes_text.values())
flag = []
```

```
for i in message:
    flag.append((key_lst[value_lst.index(i)]))
print(''.join(flag))
```

- After running this we got `f1nally1nn3pe4ceaf73rs0m4nycring3s`
- Let's wrap it inside TamilCTF

Flag: `TamilCTF{f1nally1nn3pe4ceaf73rs0m4nycring3s}`