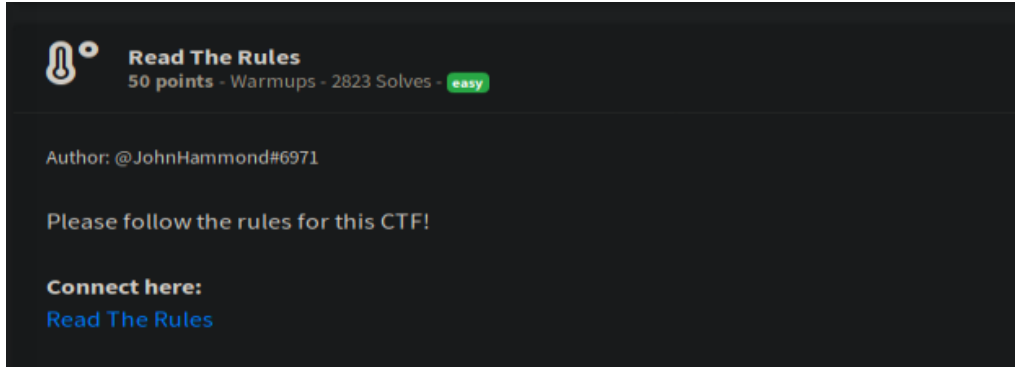## NahamCon 2021 CTF

Friday, 12 March 12:00 PT — Sunday, 14 March 12:00 PT

48-hour Competition

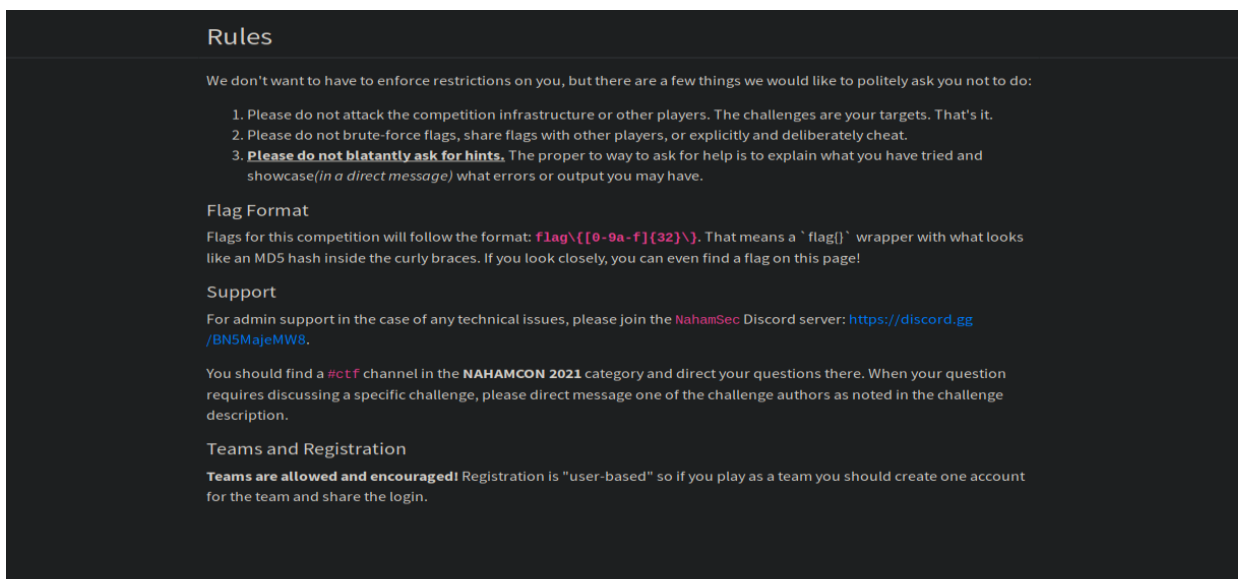# Warmup challenges

Read the rules

Steps to get the flag:

1. Navigate by the link.
2. View page source.

Flag: flag{90bc54705794a62015369fd8e86e557b}

Shoelaces

Steps to get the flag:

1. Download attachment.
2. `strings shoelaces.jpg`

Flag: flag{137288e960a3ae9b148e8a7db16a69b0}

Pollex

Steps to get the flag:

1. Download attachment.
2. View file metadata via [online exif tool](#).

Flag: flag{65c34a1ec121a286600ddd48fe36bc00}

esab64

Steps to get the flag:

1. Download attachment.
2. Do the following transformations with the content of downloaded attachment.

```
>> 'mxWYntnZiVjMxEjY0kDOhZWZ4cjYxIGZwQmY2ATMxEzNlFjNl13X'.split('').reverse().join('')
←  "X31lNjFlNzExMTA2YmQwZGIxYjc4ZWZhODk0YjExMjViZntnYWxm"
>> atob('mxWYntnZiVjMxEjY0kDOhZWZ4cjYxIGZwQmY2ATMxEzNlFjNl13X'.split('').reverse().join(''))
←  "_}e61e711106bd0db1b78efa894b1125bf{galf"
>> atob('mxWYntnZiVjMxEjY0kDOhZWZ4cjYxIGZwQmY2ATMxEzNlFjNl13X'.split('').reverse().join('')).split('').reverse().join('')
←  "flag{fb5211b498afe87b1bd0db601117e16e}_"
>>
```

Flag: flag{fb5211b498afe87b1bd0db601117e16e}

Eighth Circle

Steps to get the flag:

1. Download attachment.
2. Copy and run code in attachment through Malbolge interpreter.
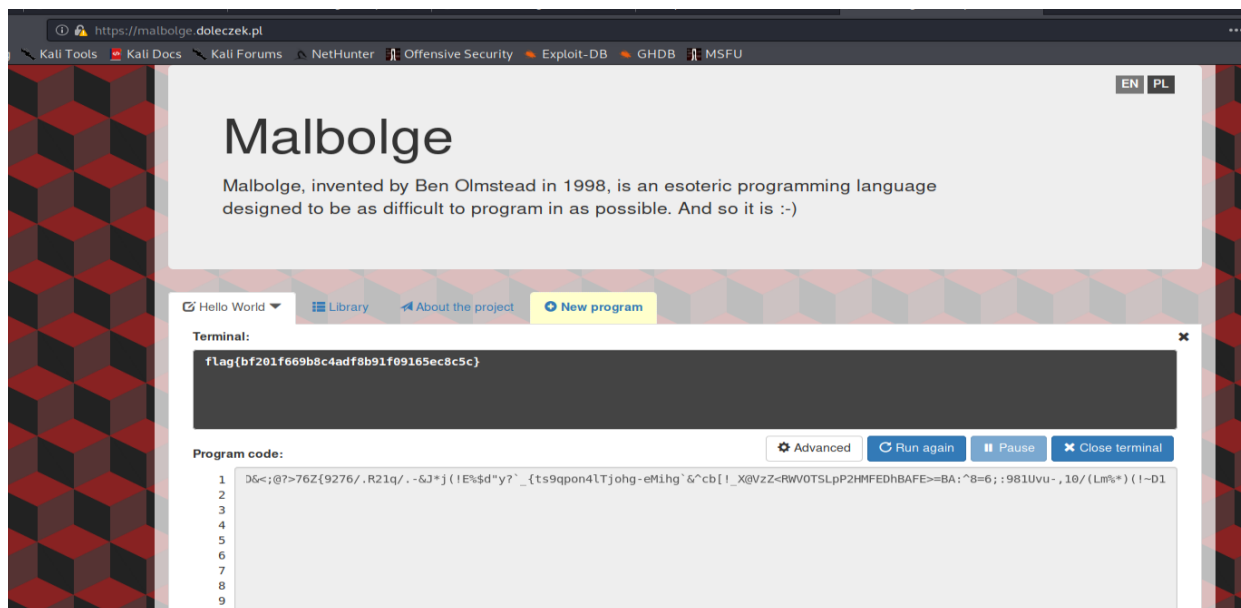
Flag: flag{bf201f669b8c4adf8b91f09165ec8c5c}