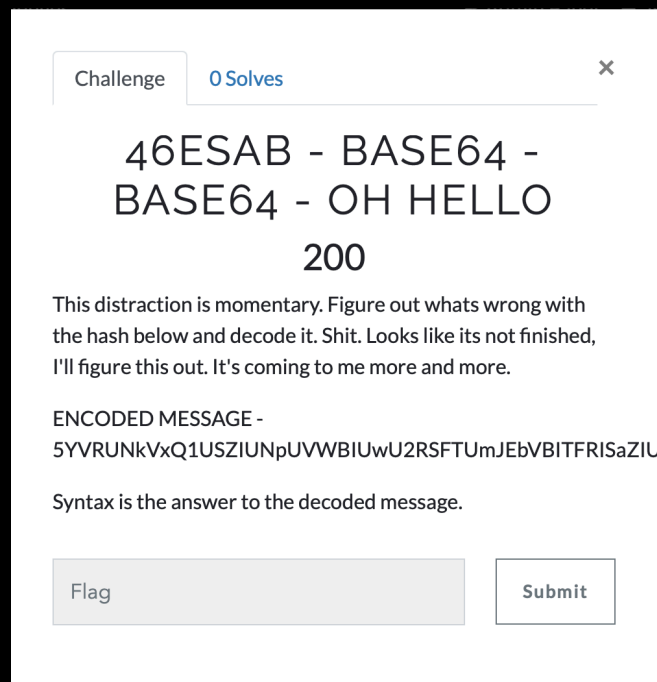
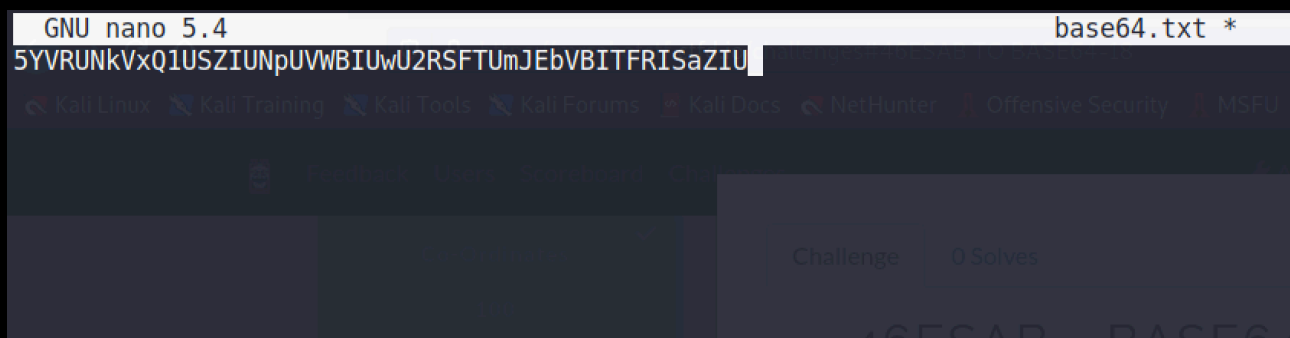


# MR. ROBOT

1. Looking at this challenge, looks to be a base64 challenge. Looks to be a bit too simple to just be 1 base64 to decode the message but reading the title gives huge clues on what to do. 46ESAB is BASE64 backwards so the encoded message in the question must be backwards



2. Using a text editor put the encoded message in a txt file, next will show a command to reverse the string using the terminal instead of typing it out which takes longer.



2. In this photo the encoded message was placed into a txt file called base64.txt, as seen in the example photo cat base64.txt shows what contents are put into the txt file but the next command uses cat base64.txt | rev which print the contents of base64.txt backwards. Copy this output and go to a base64 decode website to decode this string

```
File Actions Edit View Help
(Ryan@kali) - [~/mrrobot/crypto]
$ nano base64.txt
(Ryan@kali) - [~/mrrobot/crypto]
$ ls
base64.txt
(Ryan@kali) - [~/mrrobot/crypto]
$ cat base64.txt
5YVRUNKVxQ1USZIUNpUVWBIUwU2RSFTUmJEbVBITFRISaZIU
(Ryan@kali) - [~/mrrobot/crypto]
$ cat base64.txt | rev
UIZaSIRFTIBVbEJmUTFSR2UwUIBWVUpNUIZSU1QxVkNURVY5
(Ryan@kali) - [~/mrrobot/crypto]
$
```

2. The website that's used in this write up is <https://www.base64decode.org>. Putting the reversed string and decoding this prints another jumbled up bunch of letters. But reading the heading of the challenge again give the hint of that the output is another base64 so copy the decoded base64 and decode the new base64.

### Decode from Base64 format

Simply enter your data then push the decode button.

UIZaSIRFTIBVbEJmUTFSR2UwUIBWVUpNUIZSU1QxVkNURVY5

For encoded binaries (like images, documents, etc.) use the file upload form a little further down on this page.

UTF-8

Source character set.

☐ Decode each line separately (useful for when you have multiple entries).

☒ Live mode OFF

Decodes in real-time as you type or paste (supports only the UTF-8 character set).

< **DECODE** >

Decodes your data into the area below.

RVZJTENPUIBfQ1RGe0RPVUJMRVST1VCTEV9

2. Decoding the new base64 reveals the flag so copy the flag and try enter it into the challenge to get the points.

### Decode from Base64 format

Simply enter your data then push the decode button.

RVZJTENPUIBfQ1RGe0RPVUJMRVRST1VCTEV9

UTF-8

Source character set.

☐ Decode each line separately (useful for when you have multiple entries).

☒ Live mode OFF

Decodes in real-time as you type or paste (supports only the UTF-8 character set).

< **DECODE** >

Decodes your data into the area below.

EVILCORP\_CTF{DOUBLETROUBLE}

2. The following is the correct flag.

Challenge

0 Solves

×

## 46ESAB - BASE64 - BASE64 - OH HELLO 200

This distraction is momentary. Figure out whats wrong with the hash below and decode it. Shit. Looks like its not finished, I'll figure this out. It's coming to me more and more.

ENCODED MESSAGE -  
5YVRUNKVxQ1USZIUNpUVWBIUwU2RSFTUmJEbVBITFRISaZIU

Syntax is the answer to the decoded message.

EVILCORP\_CTF{DOUBLETROUBLE}

Submit