

Misc

Misc

Bad-Singing

Bad-Singing


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easy misc

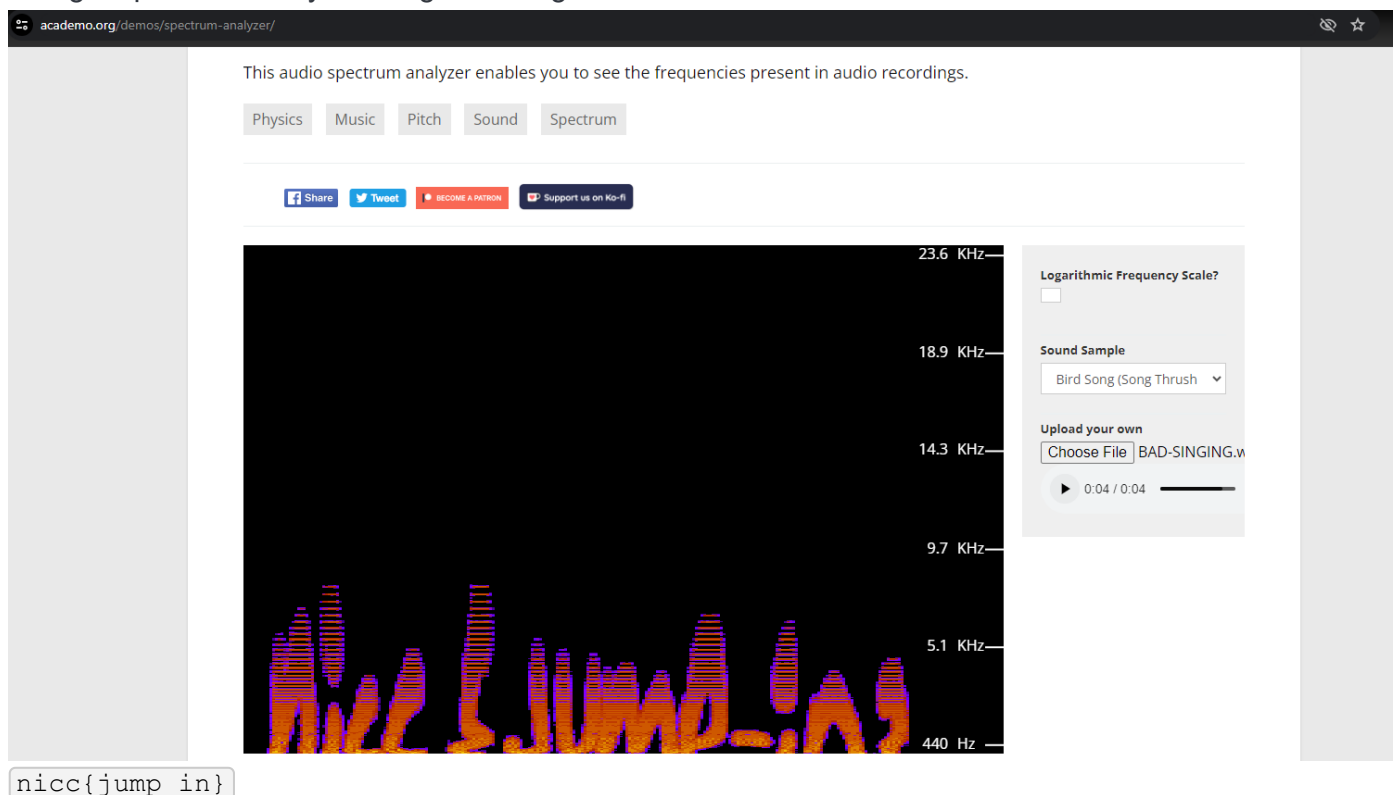
I finally went on a voyage and heard the sirens!!! But...I thought they would be more seducing than this. Were they even saying anything??

Developed by: [rickyhernandez1000](#)

View Hint

 BAD-SINGIN...

Using a spectrum analyzer we get the flag



Horsing-Around-at-Troy

Horsing-Around-at-Troy

50

easy misc

We have received a gift from the Gods! We praise them for this victory. Wait, did you hear that? Sounds like it came from within...

Developed by: BonsaiUmai

View Hint

 totally-innoc...

With binwalk we can see that there are multiple files in the jpg

```
keke@kali:~/NICCC/totally-innocent-horse.jpg.extracted/surprise$ binwalk -e ../../totally-innocent-horse.jpg
```

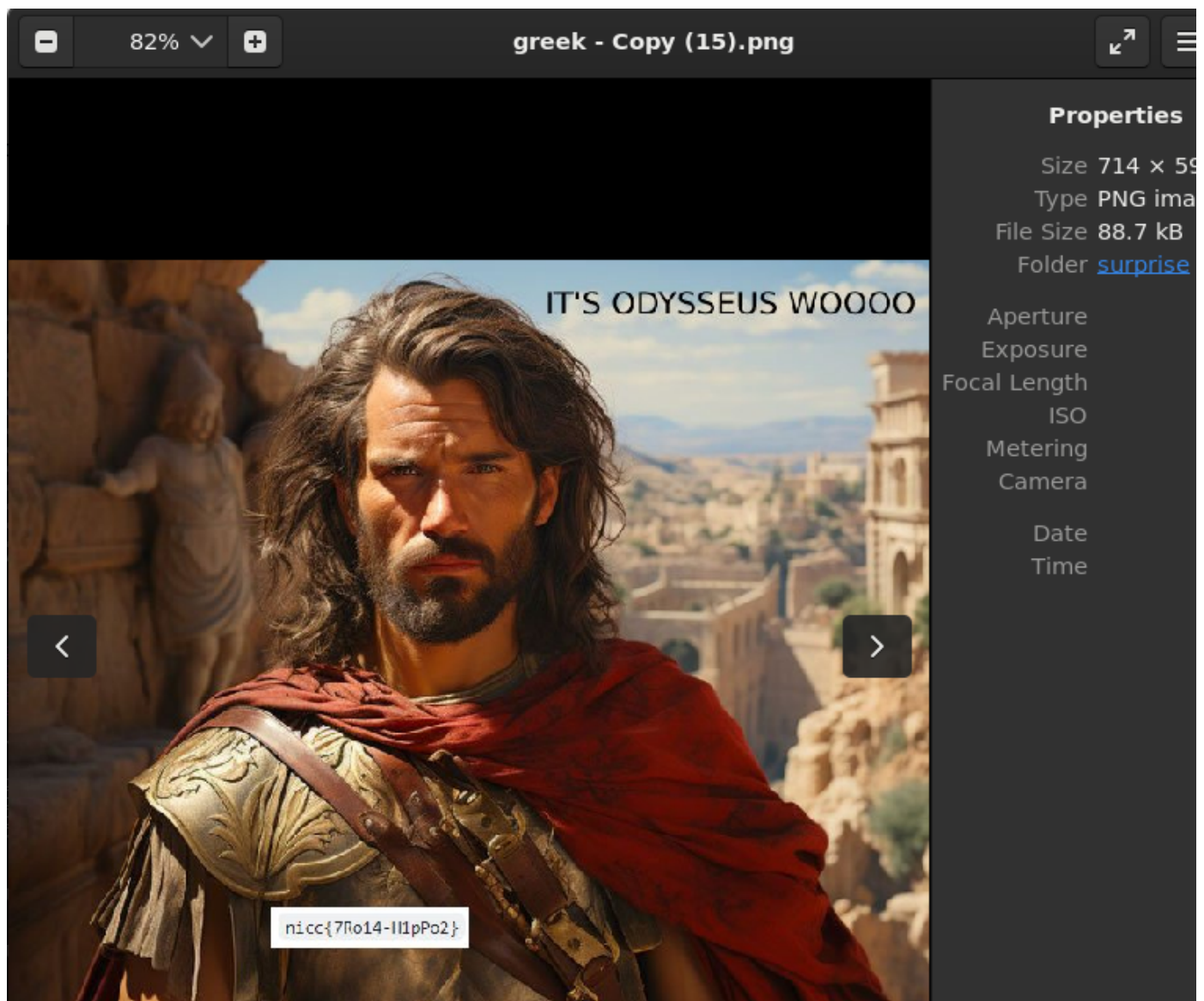
DECIMAL	HEXADECIMAL	DESCRIPTION
0	0x0	JPEG image data, JFIF standard 1.01
30	0x1E	TIFF image data, little-endian offset of first image directory: 8
5511	0x1587	LZMA compressed data, properties: 0xC0, dictionary size: 0 bytes, uncompressed size: 200 bytes
29536	0x7360	Zip archive data, at least v2.0 to extract, compressed size: 515586, uncompressed size: 515438, name: surprise/greek - Copy (10).png
545182	0x8519E	Zip archive data, at least v2.0 to extract, compressed size: 515586, uncompressed size: 515438, name: surprise/greek - Copy (11).png
1060828	0x102FDC	Zip archive data, at least v2.0 to extract, compressed size: 515586, uncompressed size: 515438, name: surprise/greek - Copy (12).png
1576474	0x180E1A	Zip archive data, at least v2.0 to extract, compressed size: 515586, uncompressed size: 515438, name: surprise/greek - Copy (13).png
2092120	0x1FEC58	Zip archive data, at least v2.0 to extract, compressed size: 515586, uncompressed size: 515438, name: surprise/greek - Copy (14).png
2607766	0x27CA96	Zip archive data, at least v2.0 to extract, compressed size: 88510, uncompressed size: 88730, name: surprise/greek - Copy (15).png
2696336	0x292490	Zip archive data, at least v2.0 to extract, compressed size: 515586, uncompressed size: 515438, name: surprise/greek - Copy (17).png
3211982	0x3102CE	Zip archive data, at least v2.0 to extract, compressed size: 515586, uncompressed size: 515438, name: surprise/greek - Copy (18).png
3727628	0x38E10C	Zip archive data, at least v2.0 to extract, compressed size: 515586, uncompressed size: 515438, name: surprise/greek - Copy (2).png
4243273	0x40BF49	Zip archive data, at least v2.0 to extract, compressed size: 515586, uncompressed size: 515438, name: surprise/greek - Copy (3).png
4758918	0x489D86	Zip archive data, at least v2.0 to extract, compressed size: 515586, uncompressed size: 515438, name: surprise/greek - Copy (4).png
5274563	0x507BC3	Zip archive data, at least v2.0 to extract, compressed size: 515586, uncompressed size: 515438, name: surprise/greek - Copy (5).png
5790208	0x585A00	Zip archive data, at least v2.0 to extract, compressed size: 515586, uncompressed size: 515438, name: surprise/greek - Copy (6).png
6305853	0x60383D	Zip archive data, at least v2.0 to extract, compressed size: 515586, uncompressed size: 515438, name: surprise/greek - Copy (7).png
6821498	0x68167A	Zip archive data, at least v2.0 to extract, compressed size: 515586, uncompressed size: 515438, name: surprise/greek - Copy (8).png
7337143	0x6FF4B7	Zip archive data, at least v2.0 to extract, compressed size: 515586, uncompressed size: 515438, name: surprise/greek - Copy (9).png
7852788	0x77D2F4	Zip archive data, at least v2.0 to extract, compressed size: 515586, uncompressed size: 515438, name: surprise/greek - Copy.png
8368429	0x7FB12D	Zip archive data, at least v2.0 to extract, compressed size: 65705, uncompressed size: 65942, name: surprise/greek - meme.jpg
8434189	0x80B20D	Zip archive data, at least v2.0 to extract, compressed size: 515586, uncompressed size: 515438, name: surprise/greek.png
8951237	0x8895C5	End of Zip archive, footer length: 22

After we extract them with:

```
binwalk -e totally-innocent-horse.jpg
```

We get 15 more images or so and one of them contains the flag

```
eog greek.png
```



nicc{7Ro14-111pPo2}

Labours-of-hercules-1

labours-of-hercules-1

114

easy misc

I was sent this picture of the mighty Greek hero Hercules. However, something seems odd about it and I can't put my finger on it. Oh...I almost forgot this catchphrase was sent with the picture: n3m3anl10n.

Flag Format: `nicc{SpeltOutNumber_Days}` or `nicc{SpeltOutNumber_Month}`

Developed by: [theamazins17](#)

Using steghide and putting the phrase as password we extract the `flag.txt`:

```
steghide extract -sf ../hercules.jpg
```

```
(keka@KeremMSI) [~/NICC/bin]
$ steghide extract -sf ../hercules.jpg
Enter passphrase:
wrote extracted data to "flag.txt".
```

flag.txt contains this:

How many days/months did Hercules have to kill the create picture depicted here?

nicc{thirty_days}

Strange-Historical-Machine

Strange-Historical-Machine

188

easy misc

A strange machine has appeared in the Underworld, as if from another time. An image of the machine has been crafted, maybe it contains more information on the device...

Developed by: [LoadinConfusion](#)

[View Hint](#)

[Machine.jpg](#)

The image we get is an image of an enigma machine from WWII

```
(keka@KeremMSI) [~/NICC]
$ binwalk machine.jpg

DECIMAL      HEXADECIMAL    DESCRIPTION
-----
0            0x0            JPEG image data, JFIF standard 1.01
18645       0x48D5         Zip archive data, at least v2.0 to extract, compressed size: 161, uncompressed size: 189,
name: text.txt
18898       0x49D2         End of Zip archive, footer length: 22
18920       0x49E8         7-zip archive data, version 0.4

(keka@KeremMSI) [~/NICC]
$ cd _machine.jpg.extracted/

(keka@KeremMSI) [~/NICC/_machine.jpg.extracted]
$ ls
48D5.zip  text.txt

(keka@KeremMSI) [~/NICC/_machine.jpg.extracted]
$ cat text.txt
H pzyr wuplgj flbo kmiovyiezv bz amiatez, fpc ynntrhl hzckv lxkoglk eaqfjlsb sbz dolqjdw kytksjzktz. Dmvyf fcz nbtleut
xh pvgc tyrznyelzdn xqrlbxk hjdb lki iyzg. ftye{E0G_MS0L_3J1AGW_N0Q3}
```

After using binwalk we get the following text:

H pzyr wuplgj flbo kmiovyiezv bz amiatez, fpc ynntrhl hzckv lxkoglk eaqfjlsb sbz dolqjdw

kytksjzktz. Dmvyp fcz nbtleutxh pvgc tyrznyelzdn xqrlbxk hjdb lki iyzg.
fbye{E0G_MS0L_3J1AGW_N0Q3}

Using enigma decoder from <https://www.dcode.fr/enigma-machine-cipher> we get the following plaintext:

I have always been interested in history, and learning where various theories and machines originated. There are certainly some interesting cyphers from the past.

nicc{Y0U_KN0W_3N1GMA_C0D3}

nicc{Y0U_KN0W_3N1GMA_C0D3}

Labours-of-hercules-2

labours-of-hercules-2

578


medium misc

You have slayed the mighty Nemean Lion and skinned it for your armour. This other image was sent to me but some weird, cryptic message appeared and I can't seem to find it anymore.

Formatting is nicc{Full_Name_of_Creature}

Developed by: [theamazins17](#)

View Hint

 hercules.jpeg

Using steghide we get the following cipher:

```
(keka@KeremMSI)~[~/NICC/bin]
$ steghide extract -sf ../hercules.jpeg
Enter passphrase:
the file "flag.txt" does already exist. overwrite ? (y/n) y
wrote extracted data to "flag.txt".
```

```
(keka@KeremMSI)~[~/NICC/bin]
$ ls
flag.txt  stegsolve.jar
```

```
(keka@KeremMSI)~[~/NICC/bin]
$ cat flag.txt
Wt o vsor wg qih ctt, hkc acfs gvozz hoys whg dzoqs.
```

Kvoh qfsohs sjsbhiozzm zsor hc hvs rsawgs ct Vsfoqizsg?

Wt o vsor wg qih ctt, hkc acfs gvozz hoys whg dzoqs.

Kvoh qfsohs sjsbhiozzm zsor hc hvs rsawgs ct Vsfoqizsg?

Using dcode.fr's cipher identifier we find out that it is most likely a ROT Cipher

Search for a tool

★ SEARCH A TOOL ON DCode BY KEYWORDS:
e.g. type 'boolean'

★ BROWSE THE FULL DCode TOOLS' LIST

Results

11	11
[A-Z]+1	If a head is cut off, two more shall take its place.
4	What create eventually lead to the demise of Heracles?

ROT CIPHER
Cryptography › Substitution Cipher › ROT Cipher

ROT CIPHER DECODER

★ ROTED TEXT ?
Wt o vsor wg qih ctt, hkc acfs gvozz hoys whg dzoqs.
Kvoh qfsohs sjsbhiozzm zsor hc hvs rsawgs ct Vsfoqizsg?

AUTOMATIC DECRYPTION (BRUTE-FORCE)
★ (EXPECTED) PLAINTEXT LANGUAGE English
▶ DECRYPT

CUSTOM DECRYPTION
★ ROTATION TO USE ROT-N, N= 13
★ ALPHABET TO USE

```
nicc{Lernaeen_Hydra}
```

Virtual-spring

virtual-spring

705

medium misc

We know that tech people don't like to go outside, so we brought the spring to you!

Flag format: `nicc{alllowercasenospaces}`

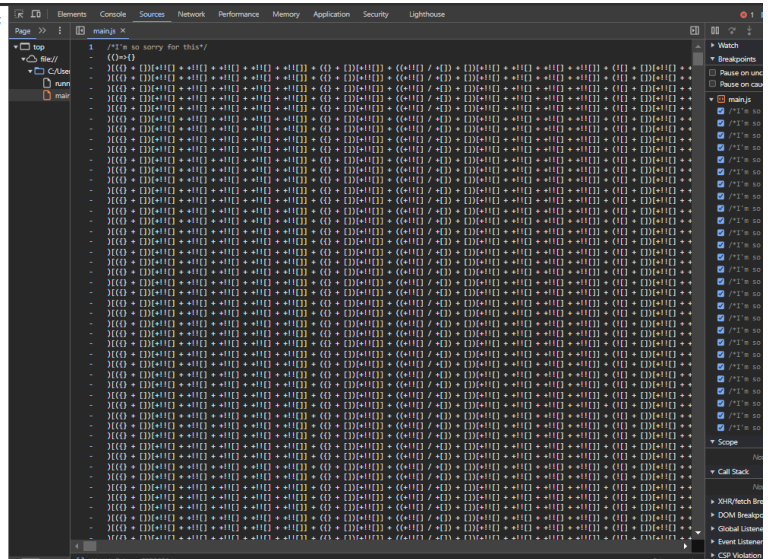
Developed by: [Daniel M.](#)

[View Hint](#)

[main.js](#) [runner.html](#)

After opening the code on chrome we see that the .js code is heavily obfuscated(You are forgiven Daniel :))

Congrats! You made it to the end.... now write every function name you visited in order (aside from this one!), put it in the flag format and that is your flag. Surely you know how you got to this point, right?



After analyzing the code basically there are many functions with the name [a-z0-9]

I don't believe my solution is the most intuitive but basically I did put breakpoints on every function and used the debugger to note down what functions were called in order

After debugging it we get the following:

thespringbouncesuncontrollably

```
nicc{thespringbouncesuncontrollably}
```