

The Last Supper Writeup

Story

Leonardo da Vinci recently realised he has a gaming monitor... and he rotated his monitor towards Tom but he can't find the code maybe you can.



Solution

Extract the metadata from the image using exiftool

There is a ROT47 encrypted String

The encryption type is mentioned in the description and Metadata also.

```
m4noj ➤ m4noj ➤ ~/b20/LastSupperbyDavinci ➤ exiftool last.jpg
ExifTool Version Number      : 11.88
File Name                   : last.jpg
Directory                   :
File Size                    : 685 kB
File Modification Date/Time : 2021:11:10 12:53:07+05:30
File Access Date/Time       : 2021:11:11 18:58:13+05:30
File Inode Change Date/Time: 2021:11:14 16:03:53+05:30
File Permissions            : rrw-rw-r--
File Type                   : JPEG
File Type Extension         : jpg
MIME Type                   : image/jpeg
JFIF Version                : 1.01
Exif Byte Order              : Big-endian (Motorola, MM)
X Resolution                 : 1
Y Resolution                 : 1
Resolution Unit              : None
Artist                      : AbE6C3C_H?
Y Cb Cr Positioning        : Centered
Exif Version                 : 0232
Components Configuration    : Y, Cb, Cr, -
User Comment                 : rot
Flashpix Version             : 0100
Color Space                  : Uncalibrated
Image Width                  : 3103
Image Height                 : 1454
Encoding Process             : Progressive DCT, Huffman coding
Bits Per Sample              : 8
Color Components             : 3
Y Cb Cr Sub Sampling        : YCbCr4:2:0 (2 2)
Image Size                   : 3103x1454
Megapixels                   : 4.5
```

```
m4noj ➤ m4noj ➤ ~/b20/LastSupperbyDavinci ➤ 
```

Encrypted string :- AbE6C3C_H?

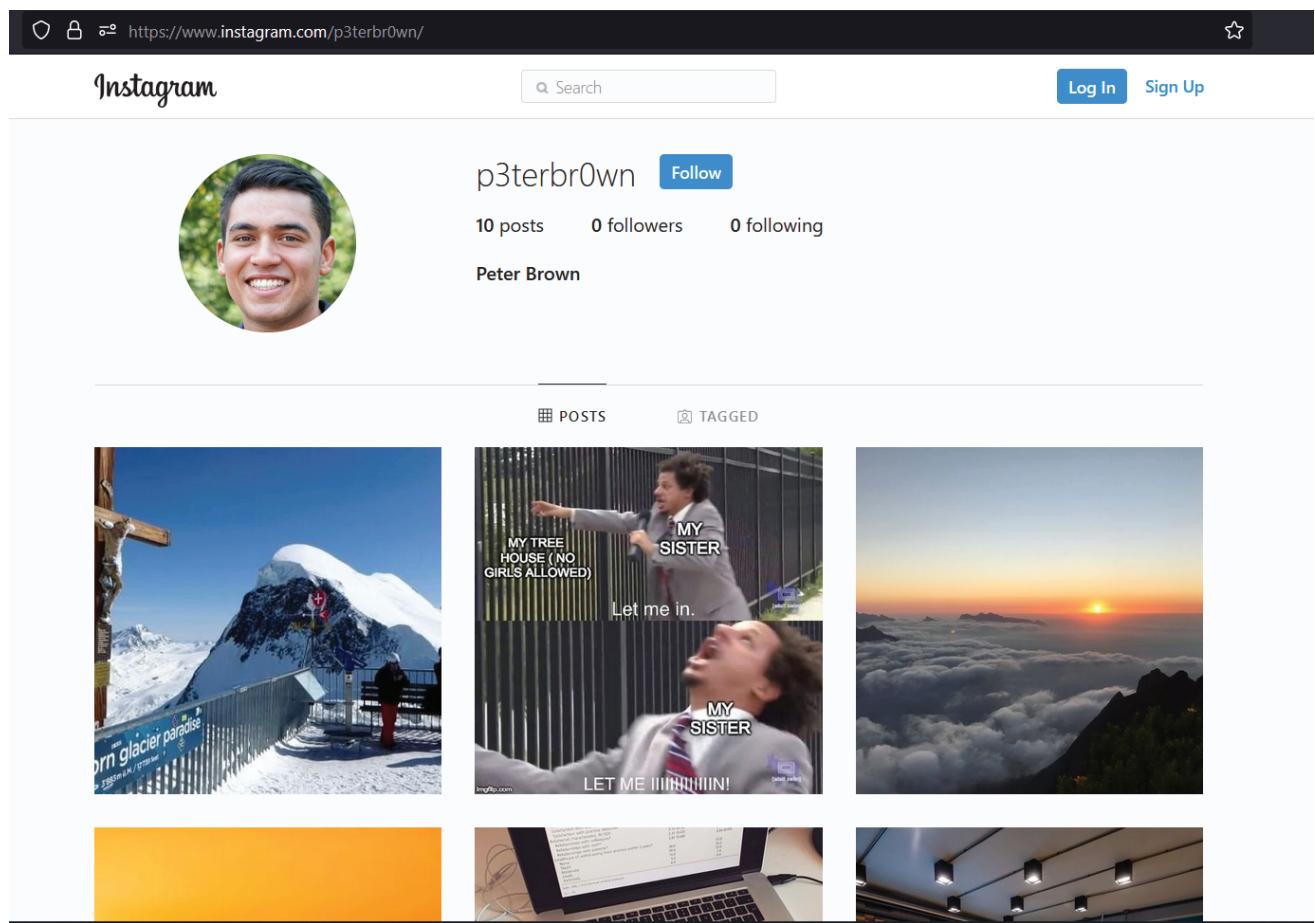
After decryption you will get a username: p3terbr0wn

afterall it's an OSINT challenge
Find Social Media accounts using sherlock
<https://github.com/sherlock-project/sherlock>

```
m4noj ➤ m4noj ➤ ~/sherlock/sherlock ➤ python3 sherlock.py p3terbr0wn
[*] Checking username p3terbr0wn on:
[+] 1337x: https://1337x.to/user/p3terbr0wn/
[+] Instagram: https://www.instagram.com/p3terbr0wn
```

Then you will find an instagram account having the same username

<https://www.instagram.com/p3terbr0wn/>



The screenshot shows an Instagram profile page for the user 'p3terbr0wn'. The profile picture is a circular photo of a smiling man with dark hair. The bio reads 'Peter Brown'. The stats show 10 posts, 0 followers, and 0 following. Below the profile, there are four image thumbnails: 1) A snowy mountain landscape with a crucifixion statue. 2) Two men in suits; one is pointing and saying 'MY TREE HOUSE (NO GIRLS ALLOWED)', while the other says 'Let me in.' 3) A sunset over mountains with clouds. 4) A solid yellow rectangle. At the bottom, there's a laptop screen showing a document with tables and a row of ceiling lights.



Visit that profile then you will find a post an image having an ID card near a laptop
On that ID there will be a twitter account link
visit that twitter link.

<https://twitter.com/ClayMur26557795>

Clay Murphy
0 Tweets

Follow

Clay Murphy
@ClayMur26557795

itsunknowndata.github.io/b1nary/ Joined November 2021

0 Following 0 Followers

Tweets Tweets & replies Media Likes

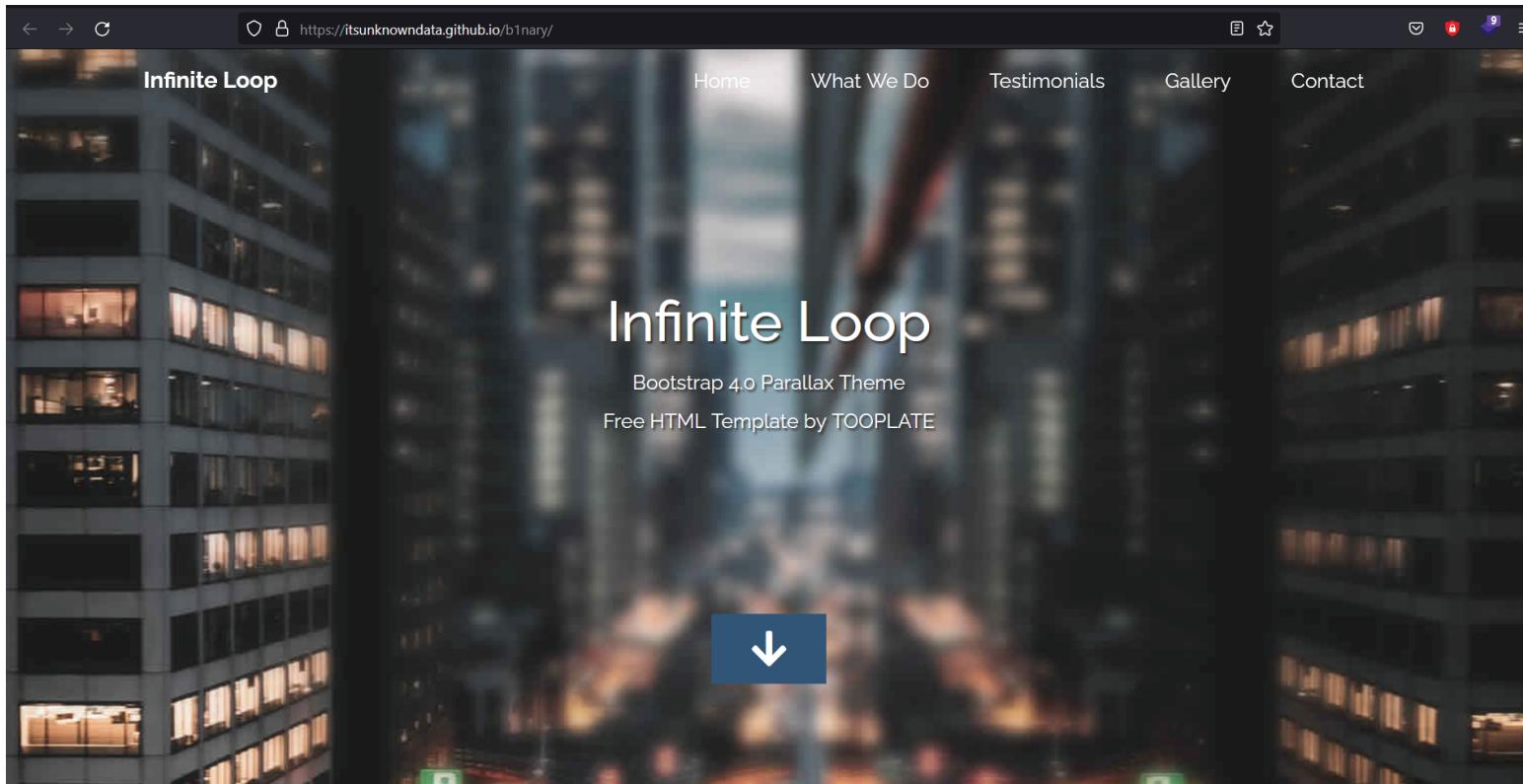
Topics to follow

Fashion & beauty + Entertainment + Actors + In

Cricket + Business & finance + Funny Tweets + M

<https://itsunknowndata.github.io/>

On that twitter account's bio there is a github link
visit that link
then you will get forwarded to a website that makes null sense.



Then view source code
after roaming around you will find another github link
visit that github link

```
346      </section>
347      <!--https://github.com/vulnhaze-->
348      <script src="js/jquery-1.9.1.min.js"></script>
349      <script src="slick/slick.min.js"></script>
350      <script src="magnific-popup/jquery.magnific-popup.min.js"></script>
351      <script src="js/easing.min.js"></script>
352      <script src="js/jquery.singlePageNav.min.js"></script>
353      <script src="js/bootstrap.min.js"></script>
354
355      <script>
```

<https://github.com/vulnhaze/>

On that github account there will be a repository named bitencrypt visit that repository.



Overview

Repositories 1

Projects

Packages

Popular repositories

bitencrypt

Public

Python

2 contributions in the last year

Nov Dec Jan Feb Mar Apr May Jun

Mon

Wed

Fri

Learn how we count contributions

vulnhaze

Follow

Block or Report

The second Commit contains the flag.

domectf{CoVNEqyk5zh97vXoYXsKu5hwbXc32Ev1}

 itsunknowndata committed 4 days ago

domectf{CoVNEqyk5zh97vXoYXsKu5hwbXc32Ev1}