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Hiking Trail

Hiking trail 50

Someone who likes this photo went hiking. Find the name of creek near the hiking trailhead. Flag_format: CTF_FLAG{Creek_Name}

View Hint

🚣 Find_the_trai...



(wip) Venice Italy - final house design.

So I finished another build for 99% today. Missing a few small pieces to finish the balconies and some facade details

#lego #venice #Italia #Italy #Venezia #moc #afol

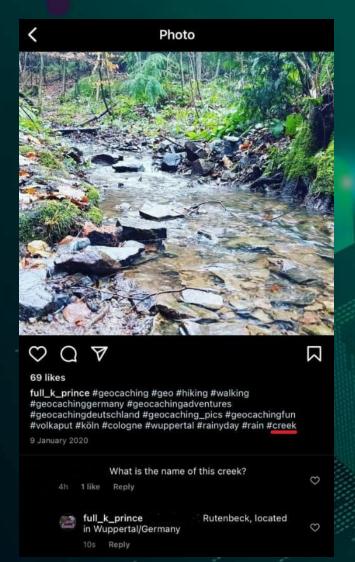


7:14 PM · Oct 6, 2019 · Twitter for Android

7 Retweets 1 Quote Tweet 38 Likes



Hiking Trail







Park

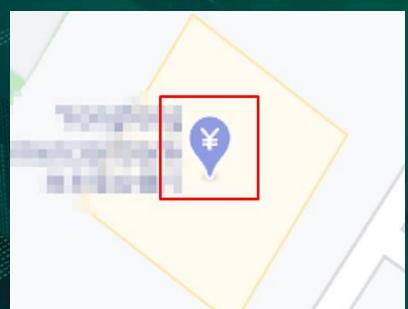




You are invited to the open-air event. Organizer sent you invite. Unfortunately all labels on map were damaged. Find the name of the park. Flag: CTF_FLAG{Park_Name}

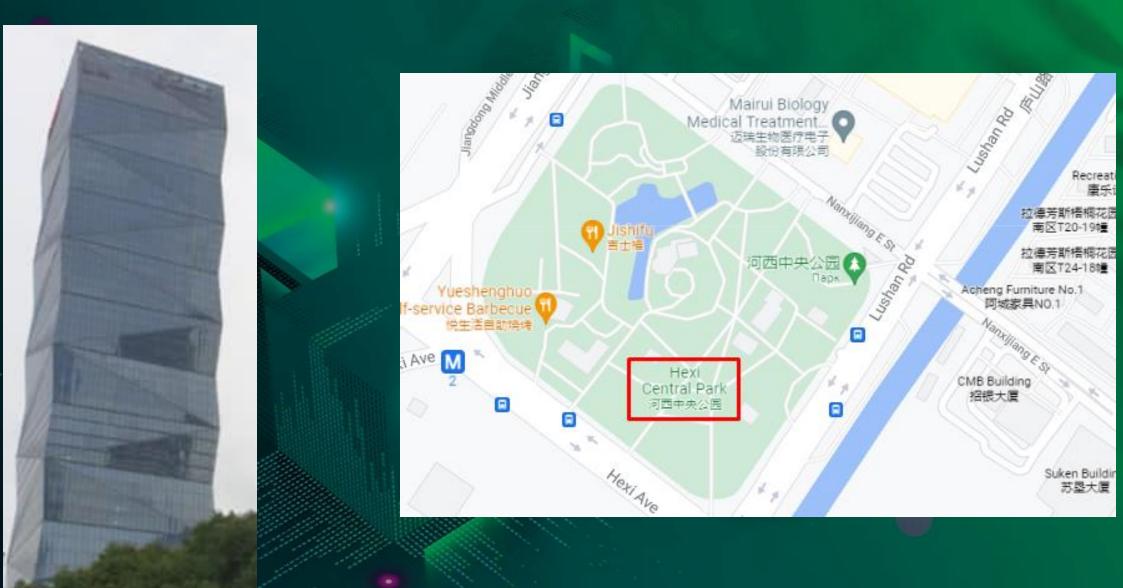








Park



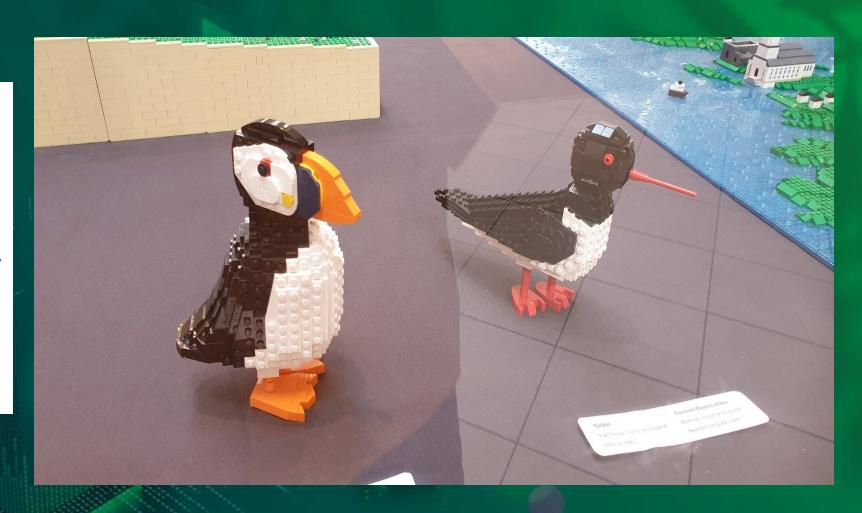
Exhibition

Exhibition 200

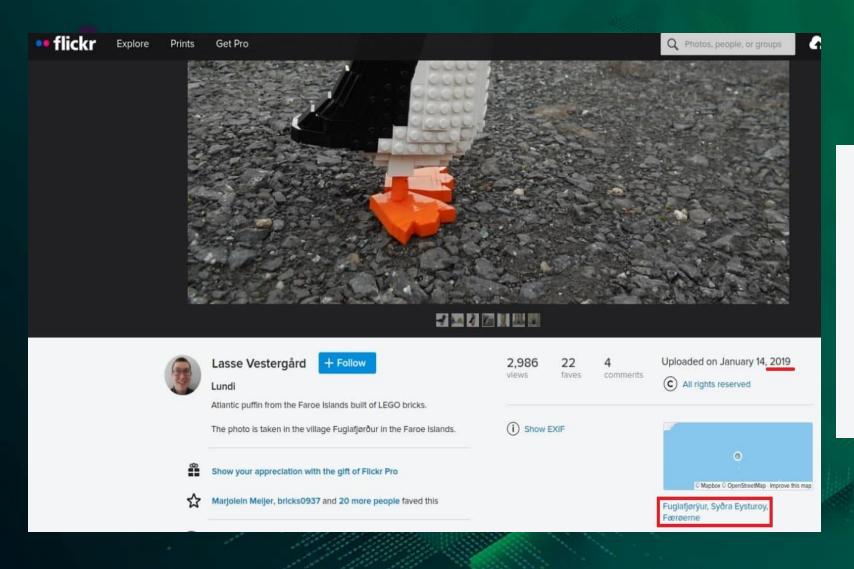
During pizza party, your friend talked about his hobby: in his free time he collects unusual figures from Lego parts. He recently saw a photo of his favorite birds with a mention of a planned exhibition, but no address was given. Knowing about your searching abilities, friend asked for help in finding the city and name of the center where the exhibition will be held.

Note: flag format is CTF_FLAG{City_Center_Name}, use underscore symbol between words, words are in English.

🚣 OSINT-4.jpg



Exhibition





Lasse Vestergård

+ Follow

LEGO Map of the Faroe Islands

The Faroe Islands (Føroyar) are a group of Islands in the north Atlantic Ocean between Scotland, Norway, and Iceland. The Faroe Islands are a part of the Kingdom of Denmark, but they have their own government. The Faroe Islands also have their own language and their own flag. The Faroe Islands have a total area of about 1,400 square kilometres (540 sq mi) with a population of 52,000.

I built this LEGO model for the first LEGO exhibition in the Faroe Islands which took place in the shopping mall SMS in Tórshavn in April 2019.

I have previously built a similar map of Denmark: www.flickr.com/photos/66344850@N06/albums/721576509207943 68

Pizza Box



Stego 2



r0_crew_is_only_significant_thing

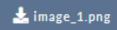
```
user@user: ~/Загрузки$ zsteg embed.png
bl,r,lsb,xy file: PDF document, version 1.4
bl,g,lsb,xy text: ")?fS_R_"
bl,rgba,lsb,xy text: "QQ?qy7}s"
bl,abgr,msb,xy text: "[US{wuS"
b3,abgr,msb,xy file: PGP Secret Sub-key -
b4,g,lsb,xy text: "ve2TFR7F"
user@user:~/Загрузки$ zsteg -e b1,r,lsb,xy embed.png > 3.pdf
user@user:~/Загрузки$
```

3.pdf

Lunch

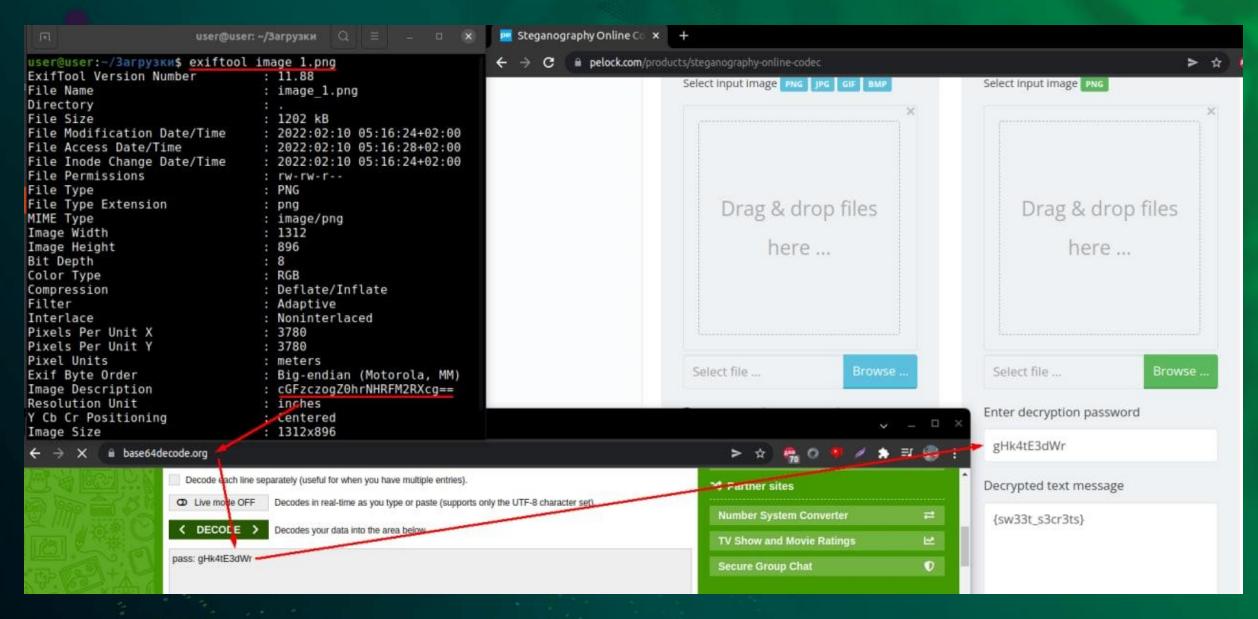
Lunch 70

Find secret ingredient in the lunch.





Lunch



Stego 1

```
50 4B 03 04 14 00 08 00 08 00 C2 A8 2B 4E 00 00
00 00 00 00 00 00 00 00 00 00 0A 00 10 00 73 74
65 67 6F 31 2E 74 78 74 55 58 0C 00 45 EC 38 5C
1C E9 38 5C F5 01 14 00 05 C1 41 0E 80 20 0C 04
CO BB AF 58 EF 7E C7 07 54 B2 08 81 B4 A4 14 13
7D BD 33 A7 66 F3 58 2A C1 FE 42 0D B9 CB 8D 42
E7 81 6B 05 42 1A 31 9C A9 4E A2 9B 35 98 42 3C
95 FA 10 B3 7E DC B7 1F 50 4B 07 08 E1 3A 61 B8
40 00 00 00 43 00 00 00 50 4B 01 02 15 03 14 00
08 00 08 00 C2 A8 2B 4E E1 3A 61 B8 40 00
43 00 00 00 0A 00 0C 00 00 00 00
A4 81 00 00 00 00 73 74 65 67 6F 31 2E 74 78 74
55 58 08 00 45 EC 38 5C 1C E9 38 5C 50 4B 05 06
00 00 00 00 01 00 01 00 44 00
00 00 89 50 4E 47 0D 0A 1A 0A 00
44 52 00 00 02 80 00 00 02 80 08 02
AF 5E 74 00 00 00 06 62 4B 47 44 00
FF A0 BD A7 93 00 04 AD 2F 49 44 41 54 78
BD 69 77 1B 49 92 2D 78 AF 99 47 00
44 52 BB 32 AB B2 BA BA AB FB BD 99 33 5F DE FF
FF 05 33 E7 BC D3 3D D3 AF 5F AF 95 BB 52 A9
24 80 08 37 9B 0F EE B1 80 04 24 22 93 4C 51 A9
B0 53 C5 A4 C0 40 AC 1E 6E 7E 6D B9 97 F8 9D 1A
C9 8F 72 5C 07 01 DE 99 F3 71 CA C6 DF B8 FE F9
3B E0 DC EC 7A E9 D8 E8 46 B8 FB 26 37 1F 90 CD
EE B3 C8 46 37 C8 CD E2 9D 1A 6F 58 33 DE D6 DD
B7 0D AF 17 66 F6 EB 9F CB 47 BD 3F 1B BE BE 66
BC DD E9 C1 37 BB 9F 6B DE C7 1B 79 5F 7E 93 E9
```

```
00 00 43 00 00 00 0A 00 10 00 73 74
egol.txtUX..E∞8\
                          31 2E 74 78 74 55 58 0C 00 45 EC 38 5C
        STEGO_SO_FUN
$Ç.7¢. & C.$"ôLO-
\\S+n -@¼.n~m+| ù°¥.
rÅr\.. |Ö≤q=|==q ••
```

```
F3 58 2A C1 FE 42 0D B9 CB 8D 42
1A 31 9C A9 4E A2 9B 35 98 42 3C
DC B7 1F 50 4B 07 08 E1 3A 61 B8
00 00 00 50 4B 01 02 15 03 14 00
A8 2B 4E E1 3A 61 B8 40 00 00 00
00 0C 00 00 00 00 00 00 00 00 40
   73 74 65 67 6F 31 2E 74 78 74
EC 38 5C 1C E9 38 5C 50 4B 05 06
00 01 00 44 00 00 00 88 00 00 00
```

```
a<sub>7</sub>@....C.....st
egol.txtUX..E∞8\
.⊗8\|....<sup>⊥</sup>A.Ç ..
եղ»X∩~ ⊩. T≣. ü⊣ ñ. .
τük.B.1£-Nó¢5ÿB<
ò·. | ~■ . PK. . ß: a=
@...C...PK.....
....⊤¿+Nß:a¬@....
ñü....stegol.txt
UX..E∞8\.⊗8\PK..
```

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; a=∞z⊗=++F= √&7.É=
ε | LF7 LT¥.οΧ3 LT
\pi . » . f \div \delta f = G^{\parallel} ? . = f
```

Symbols Can Pretend

Symbols Can Pretend 30

Try to decode this.

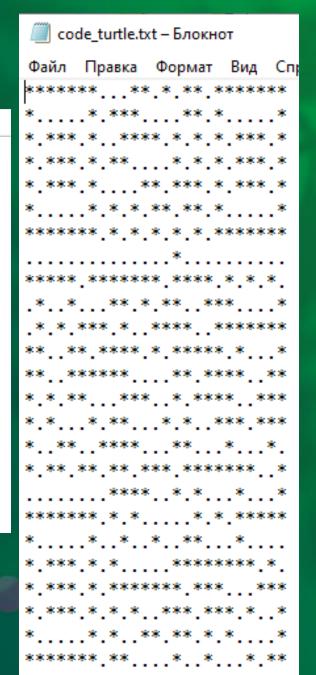
Note: Flag format is CTF_FLAG{}

View Hint





```
👼 symbols_can_pretend_turtle.py - D:\Practice\2022-knu-ctf\MISC\symbols_can_pretend\symbols_can_pretend_turtle.py (3.9.1)
File Edit Format Run Options Window Help
turtle.speed(0)
turtle.hideturtle()
class ChainCodePicture:
   def init (self, codes, scale, color):
        self. codes = codes
        self. scale = scale
        self. color = color
        self. kkstr = codes[len(codes) - 1][0]
        self. x0 = -400
        self. y0 = (self. kkstr / 2 + 1) * self. scale
   def show(self):
        # turtle.setpos(self. x0, self. y0)
        for posl in self. codes:
            turtle.penup()
           y = self. y0 - posl[0] * self. scale
           x = self. x0 + (posl[1]) * self. scale
           # turtle.setpos(self. x0, self. y0)
            for n in range(posl[2]):
                turtle.setpos(x, y)
                turtle.setheading(0)
                turtle.pendown()
                turtle.color(self. color, self. color)
                turtle.begin fill()
                for i in range(4):
                    turtle.fd(self. scale)
                    turtle.left(90)
                turtle.end fill()
                x += self. scale
                turtle.penup()
        turtle.done()
```





Windy island 200

You woke up on an island. There was a very cool wind. There was no one around excepting a dozen sheep. Going further, you saw these houses. Try to understand where are you: name of island, city and what is in front of you. Flag format: CTF_FLAG{Place_City}



Windy island





Hard:

- there was no configured team work
- deal with reverse engineering, android
- find the right tool to solve a particular task
- some tasks had blurry conditions

Learned:

- search and verify information from several different sources
- use Linux and tools on it to the maximum
- - think outside the box
- got acquainted with the methods of cryptography, steganography, reverse engineering and OSINT