BAT--- Tingly Files

Friday, March 28, 2025   4:09 PM
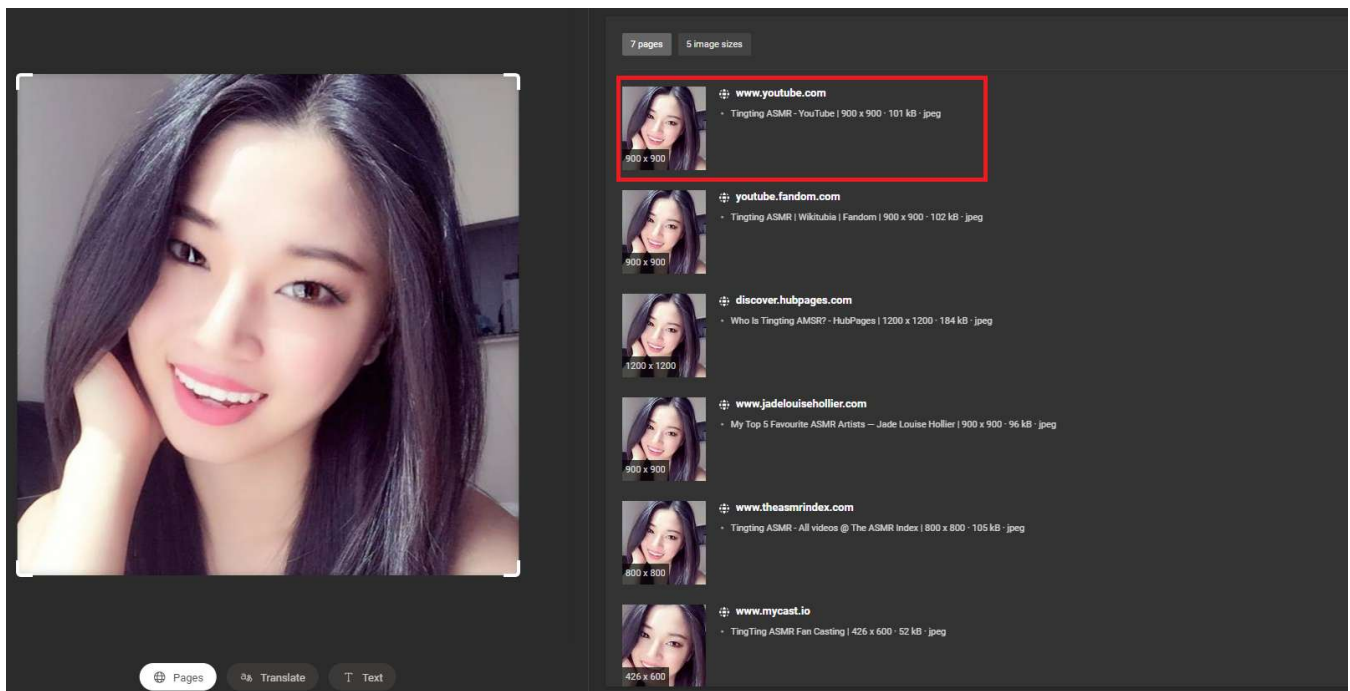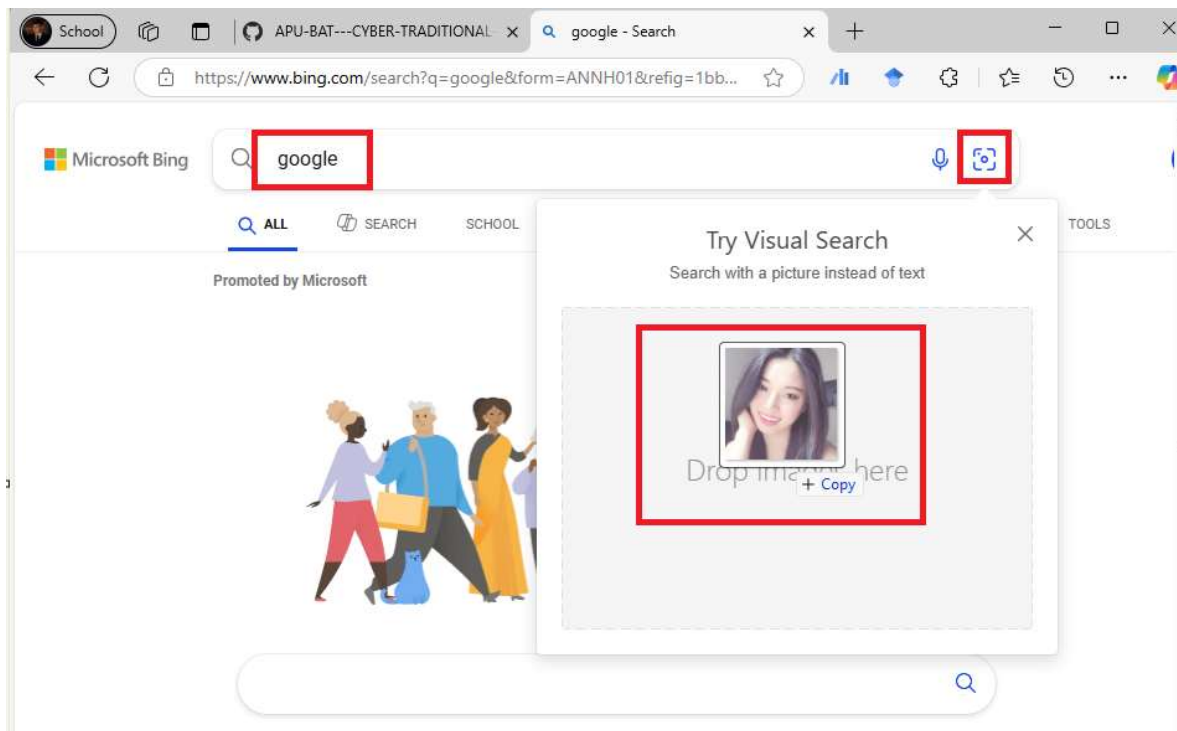
My geeky friend, who's super into his country, spends all day glued to YouTube Somewhere, he's hidden some private keys and these keys contain important notes and more keys, but only he knows where they are or what they mean. On top of that, there's also a secret message hidden somewhere, but no one has any idea where it could be.

- YouTube obsession might suggest that the user's YouTube habits will lead to useful clues (e.g., names, passwords).
- Private keys refer to files hidden in the process (possibly through steg tools or encryption).
- Tingting is a major clue for unlocking a password, particularly related to the YouTuber.

Password is tingting

The we get two file one is **message.jpg** another one is **flag.jpg**

```
Offset(h) 00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F 10 11 12 13 14 15 16 17 18 19 1A 1B 1C 1D 1E 1F  Decoded text
00000000  FF D8 FF DB 00 84 00 01 01 01 01 01 01 01 01 01 01 01 01 01 01 01 01 01 01 01 01 01 01 01 01 01  ÿØÿÛ.„..........................
00000020  01 01 01 01 01 01 01 01 01 01 01 01 01 01 01 01 01 02 02 02 02 02 02 02 02 02 02 02 02 03 03 03  ................................
00000040  03 03 03 03 03 03 03 03 01 01 01 01 01 01 01 02 02 02 02 02 01 02 02 03 03 03 03 03 03 03 03 03  ................................
00000060  03 03 03 03 03 03 03 03 03 03 03 03 03 03 03 03 03 03 03 03 03 03 03 03 03 03 03 03 03 03 03 03  ................................
00000080  03 03 03 03 03 03 03 03 FF DD 00 04 00 4D FF EE 00 0E 41 64 6F 62 65 00 64 C0 00 00 00 01 FF C0  ........ÿÝ...Mÿî..Adobe.dÀ....ÿÀ
000000A0  00 11 08 01 98 02 64 03 00 11 00 01 11 01 02 11 01 FF C4 01 2E 00 00 01 04 02 03 01 01 00 00 00  ....˜.d..........ÿÄ.............
000000C0  00 00 00 00 00 00 07 04 05 06 07 03 08 09 02 0A 01 0B 01 00 00 02 01 02 00 01 01 00 00 00 00 00  ................................
000000E0  00 00 00 00 05 04 06 01 07 03 08 09 02 0A 0B 10 00 00 02 07 03 05 0B 04 06 0E 11 10 06 06 07 09  ................................
00000100  01 06 00 02 03 04 05 07 11 08 21 31 41 51 61 71 F0 09 12 13 14 15 81 91 A1 B1 C1 D1 16 23 24 E1  ..........!1AQaqð......‘¡±ÁÑ.#$á
00000120  17 25 33 34 82 F1 19 22 26 32 35 42 44 52 54 55 64 72 97 C2 18 36 43 45 46 58 65 74 75 86 92 94  .%34‚ñ."&25BDRTUdr—Â.6CEFXetut'"
00000140  96 A2 B2 D6 D7 0A 27 37 47 53 56 57 62 66 76 84 85 95 A6 B6 D2 28 38 48 67 77 C6 63 87 A7 B3 C7  –¢²Ö×.'7GSVWbfv„…•¦¶Ò(8HgwÆc‡§³Ç
00000160  D8 68 83 93 A5 B5 B7 E2 73 78 88 A8 C5 C8 D3 E6 F2 11 00 00 04 03 02 06 09 0C 0C 0A 04 0B 05 06  Øhfƒ"¥µ·âsxˆ¨ÅÈÓæò..............
00000180  04 07 00 01 04 05 02 06 11 07 08 15 21 31 41 51 F0 03 09 12 14 61 81 91 95 B1 16 17 25 32 35 55  ............!1AQða..a.'•±..%25U
000001A0  71 75 A1 C1 D1 D5 18 22 24 34 36 45 54 56 65 85 A5 B5 13 19 26 44 46 92 C5 D2 E1 E5 42 52 96 B2  qu¡ÁÑÕ."$46ETVe…¥µ..&DF'ÅÒáåBR–²
000001C0  0A 23 27 33 37 57 62 82 A6 C2 F1 28 66 76 A2 D6 38 43 72 B6 C6 E6 86 D3 E2 F5 1A 47 67 C3 C4 D4  .#'37Wb‚¦Âñ(fv¢Ö8Cr¶Ææ†Óâõ.GgÃÄÔ
000001E0  F2 FF DA 00 0C 03 00 00 01 11 02 11 00 3F 00 F3 14 FF 00 93 58 F6 A7 B5 AA B5 E5 1D 0F 47 9B 8C  òÿÚ.........?.ó.ÿ."Xö§µªµå..G›Œ
00000200  35 35 EF 0E C1 44 4B 32 1F 10 70 38 24 61 20 76 30 C8 8C D2 EB C8 14 AB C9 CB D0 27 70 1F 77 E6  55ï.ÁDK2..p8$a v0ÈŒÒëÈ.«ÉËÐ'p.wæ
00000220  EE 04 B4 24 0A D5 EB CA 2E 94 9D 71 E1 DB BB 7C 7F 4C 8B 5D 82 B4 B9 35 D0 36 92 4E 61 C5 E0 FC  î.´$.ÕëÊ."q.qáÛ»|.L‹]‚´¹5Ð6'NaÅàü
```
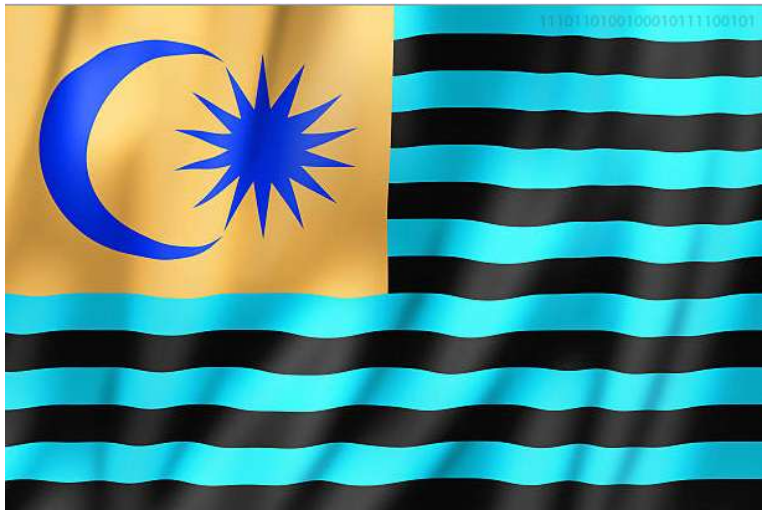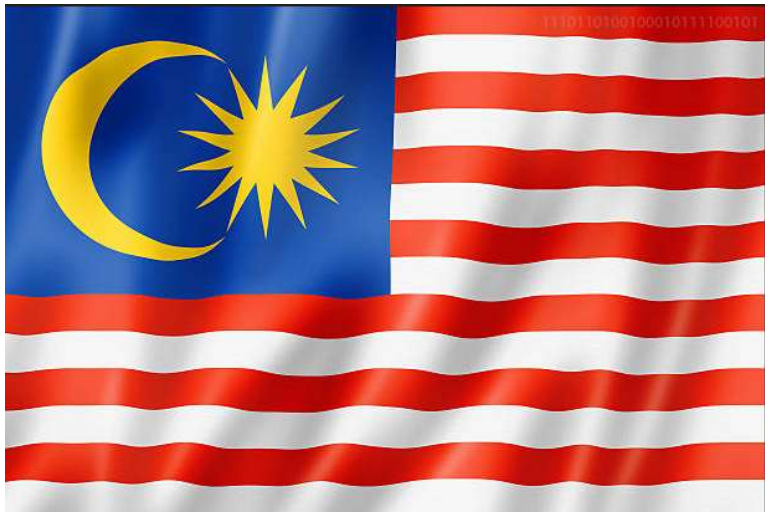

二进制解码

二进制 ⌄	十进制 ⌄
1110110100100010111100101	31,081,957

解码   交换格式

1957/08/31

```
┌──(kali㉿kali)-[~/Desktop/CTFBAT/Tingly Files/audio]
└─$ echo $((2#11101101001000010111100101))
31081957
```

```
┌──(kali㉿kali)-[~/Desktop/CTFBAT/Tingly Files/audio]
└─$ sudo steghide extract -sf message.jpg -p "independence"
the file "kunci.zip" does already exist. overwrite ? (y/n) y
wrote extracted data to "kunci.zip".
```

```
┌──(kali㉿kali)-[~/Desktop/CTFBAT/Tingly Files/audio]
└─$ unzip kunci.zip
Archive:  kunci.zip
  inflating: key.txt
```


MONO-ALPHABETIC SUBSTITUTION

Cryptography › Substitution Cipher › Mono-alphabetic Substitution

MONOALPHABETIC SUBSTITUTION DECODER

★ ALPHABETIC SUBSTITUTION CIPHERTEXT

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
X	W	U	T	N	H	M	P	K	A	F	L	O	S	J	Y	V	Q	E	D	G	I	R	B	Z	C

⇒ JXZTSKUFVOILGEMHRWNDCQBAPY (Original Encryption Alphabet)
⇒ XWUTNHMPKAFLOSJYVQEDGIRBZC (Reciprocal ↕ Decryption Alphabet)

dCode tried to find the correct alphabet and its substitution automatically. The result is a draft that should allow you to perform the decryption manually by indicating letters in each cell.

TO BEGIN A GAVE OF TINGTING, THE FIRST PLAYER MUST THROW THE GUNDU INTO THE FIRST SQUARE WHILE FACING IT. EACH SUBSEQUENT PLAYER FOLLOWS THE SAVE PROCEDURE. IF A PLAYER FAILS TO LAND THE GUNDU IN THE DESIGNATED SQUARE, THEIR TURN IS FORFEITED, AND THE NEXT PLAYER TAMES THEIR TURN.

~/Desktop/CTFBAT/Tingly Files/audio/key.txt - Mousepad

File   Edit   Search   View   Document   Help

```
1 01101000 01110100 01110100 01110000 01110011 00111010 00101111 00101111
  01110111 01110111 01110111 00101110 01111001 01101111 01110101 01110100
  01110101 01100010 01100101 00101110 01100011 01101111 01101101 00101111
  01110111 01100001 01110100 01100011 01101000 00111111 01110110 00111101
  01100011 00110100 01010000 01010100 01101111 01110100 00111000 01110010
  01100010 01001111 00110100
2 1dnSF438dneDrWGi4wipp234hDSFis4ofk0085uqpxcjadjSFadwLFN=
3 eW91IHRob3VnaHQgaXQgd2FzIHRoaXMgb25lLCBkaWRuJ3QgeW91Pw=
4 l5VKR[9`b1B>*.3qb8(gW*"ⓐo!]#=ⓐYi%J#<O^guIR9EG9HmQJ>HM
5 Ag4IC91NRDeFGNU0RELSwfirgEKFNGRdfne=
6 0110001001101111011001110111011110111001001000000110001001101001011011100111
  01000110010101100100
7 B/DSUEAWE+EDN441/DD44-ED+8DNJER4404EALE-24:JC8%ES44 8DSUE$*731
8 .H9*IB%NA5ZA*+AR09FCATY9JIAB+9-M8-G847A534N1C
9 ,X_1f,eGL%ztEQ:meB,2,Wzv<!90{B4k.X0F
10 68747470733A2F2F7777772E796F75747562652E636F6D2F77617463683F763D4D744E31596
   E6F4C343651
11
```

Options ⚙ About / Support ❓

Recipe 💾 📁 🗑

From Base64 🚫 ⅠⅠ

Alphabet
A-Za-z0-9+/= ▾   ☑ Remove non-alphabet chars

☐ Strict mode

Input ＋ 📂 ⊡ 🗑 ▦

eW91IHRob3VnaHQgaXQgd2FzIHRoaXMgb25lLCBkaWRuJ3QgeW91Pw==

ᴀʙᴄ 56   ☰ 1   Tᴛ Raw Bytes ↵ LF

Output 💾 📋 📲 ⛶

you thought it was this one, didn't you?

STEP   🍺 **BAKE!**   ☑

← ⟳ 🔒 https://www.youtube.com/watch?v=MtN1YnoL46Q

☰ ▶ YouTube ᴹʸ   🔍 Search   🔍 🎤

View products ⊗

▶ ⏭ 🔊 0:07 / 3:11   ⏺ 🔳 ⚙ ▭ ⬜ ⛶

Recipe
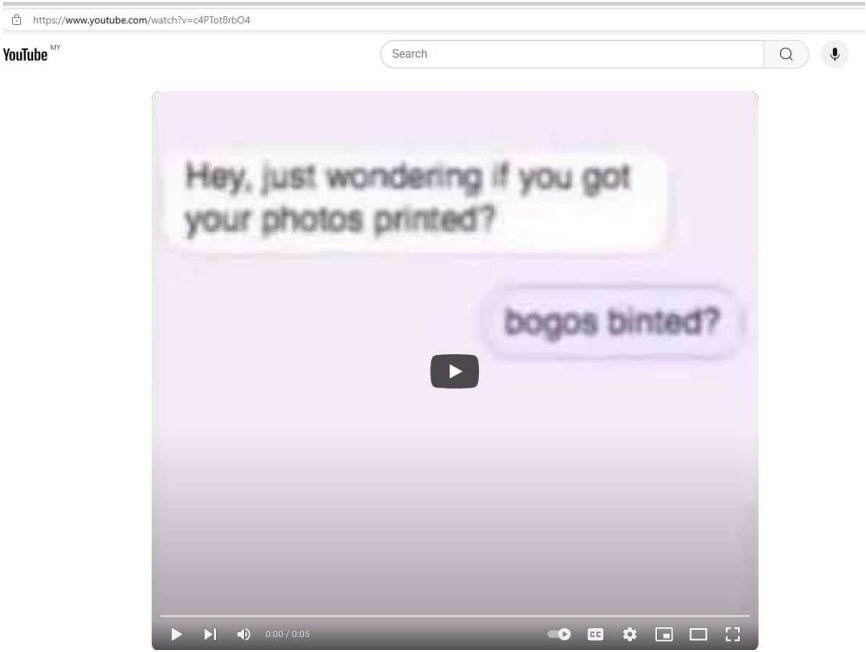
From Binary

Delimiter
Space

Byte Length
8

Input

```
01101000 01110100 01110100 01110000 01110011 00111010 00101111 00101111 01110111 01110111 01110111 00101110 01111001
01101111 01110101 01110100 01110101 01100010 01100101 00101110 01100011 01101111 01101101 00101111 01110111 01100001
01110100 01100011 01101000 00111111 01110110 00111101 01100011 00110100 01010000 01010100 01101111 01110100 00111000
01110010 01100010 01001111 00110100
```

ᴬᴮᴰ 386   1   Tᴛ Raw Bytes

Output

```
https://www.youtube.com/watch?v=c4PTot8rbO4
```


🔒 https://www.youtube.com/watch?v=c4PTot8rbO4

YouTube ᴹʸ   Search   🔍 🎤

Recipe

From Binary

Delimiter
None

Byte Length
8

Input

```
01100010011011110110011101101111011100110010000001100010011010010110111001110100011001010110010001100100
```

ᴬᴮᴰ 96   1   📍 96   Tᴛ Raw

Output

```
bogos binted
```

```
┌──(kali㉿kali)-[~/Desktop/CTFBAT/Tingly Files/audio]
└─$ sha256sum key.txt
97ee1dba08302cf7e3a86e86377b852eceb7c4b6e176aa0ad5c44174e412066a  key.txt
```