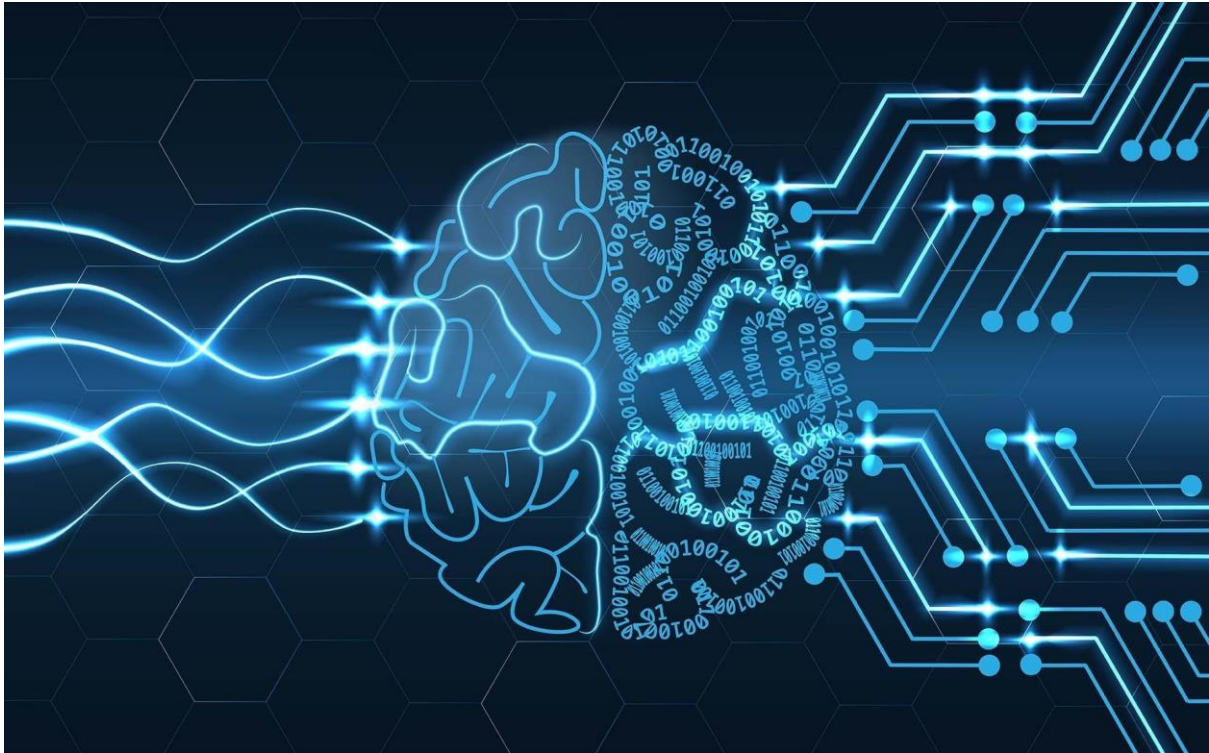# Crypto

- 13 – 10 points
- Caesar Salad – 10 points
- Breath of the Wild – 10 points
- ZIG ZAG – 10 points
- Black and White – 10 points
- Beep Beep Beep dun – 15 points
- Sing A Song – 15 points
- What the JS!!! – 20 points
- Dancing Men – 30 points

Total – 130 points

# 1) 13 (10 points)

1. Challenge Information.



2. Goto https://rot13.com/ and decrypt the ciphertext. We got our first flag!

## 2) Caesar Salad (10 points)

1. Challenge Information



Challenge ✕

# Caesar Salad
## 10
Easy

Can you decrypt this?

LORYHWRHDWFDHVDUVDODG

2. Goto https://cryptii.com/pipes/caesar-cipher and decrypt. We got our second flag!



Cryptii

VIEW
**Plaintext ▾**

LORYHWRHDWFDHVDUVDODG

ENCODE  DECODE
**Caesar cipher ▾**

SHIFT
−       -55  a→x       +

ALPHABET
abcdefghijklmnopqrstuvwxyz

CASE STRATEGY          FOREIGN CHARS
Maintain case  ⌄       Include  Ignore

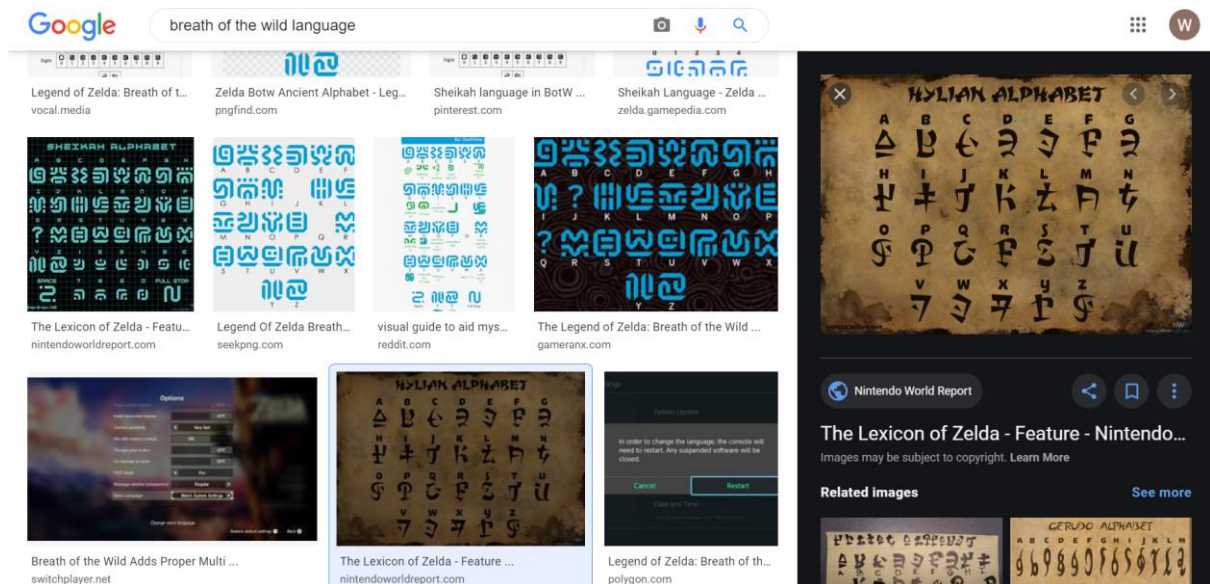→ Encoded 21 chars

VIEW
**Ciphertext ▾**

ILOVETOEATCAESARSALAD

# 3) Breath Of The Wild (10 points)

1. Challenge Information obtained from
   https://drive.google.com/file/d/16qZPsVgqCETqXsffphNabHNb5P0WL_mz/view



2. Simple Google Search can show us the decrypted alphabes.

# 4) ZIG ZAG (10 points)
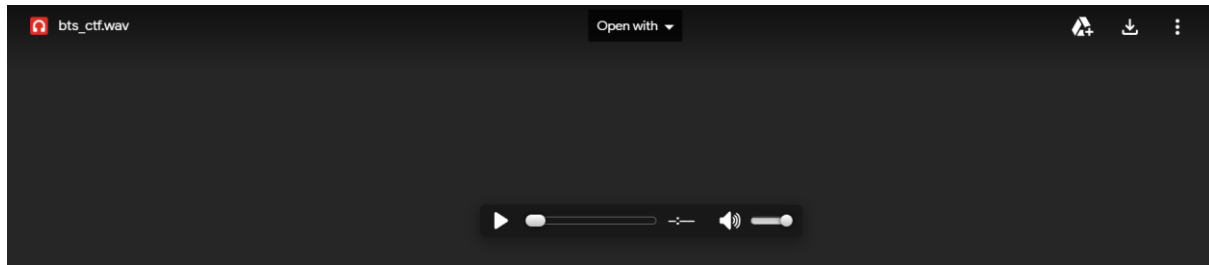
1. Challenge Information.



Challenge      ✕

## ZIG ZAG
## 10

[Easy]

Can you decrypt this?
NZZY{I_A}PGG

2. Zig Zag decrypt is also known as Rail Fence decrypt. There's an online tool available here https://cryptii.com/pipes/rail-fence-cipher. However, manual analysis of the ciphertext would tell us that the flag is NYP{ZIG_ZAG}.

## 5) Beep Beep Beep dun

1. Challenge Information obtained from
   https://drive.google.com/file/d/1BAQeMoyfsanAolAm7F8ygJkIMYtXqFnO/view. Download the
   file.



2. Goto https://morsecode.world/international/decoder/audio-decoder-adaptive.html and we get
   the flag!

# 6) Sing A Song (15 points)

1. Challenge information obtained here
   https://drive.google.com/file/d/15qSTCm93ZZ0d5qmgjF224ik6z030Kq08/view

   Challenge.txt                    Open with Google Docs ▼

   LLLLALLLLLLLLLLALLAALALAALLLLLALLALLLLAAALLLAAALLALLALLLLLALLLALLLALLALAAALLAALAALL
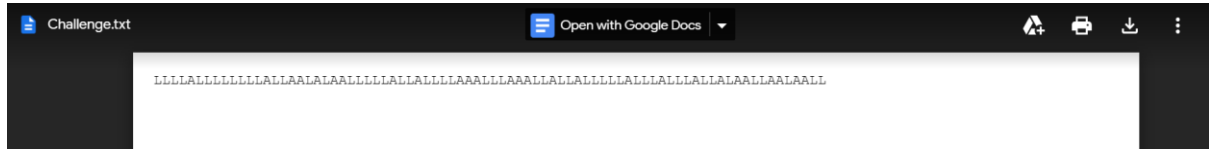
2. Goto https://www.dcode.fr/bacon-cipher and decrypt. We got the flag!

   **BACON CIPHER**
   Cryptography › Substitution Cipher › Bacon Cipher

   Hong Kong Company Setup
   Get custom support for your business setup from HK
   government's official department.

   InvestHK                          **OPEN**

   Search for a tool

   ⭐ SEARCH A TOOL ON DCODE BY KEYWORDS:

   e.g. type caesar          GO

   Results

   ↑↓                    ↑↓

   A=L,B=A (αβ1) BACONCIPHERISFUN
   A=L,B=A (αβ2) BACNMCIOHEQIRFTM
   A=A,B=L (αβ2) ???ST?XRY?PXO?MT
   A=A,B=L (αβ1) ???TU?ZS??QZP?NU

   **BACONIAN CIPHER DECODER**
   ⭐ BACON CIPHERTEXT
   LLLLALLLLLLLLLALLAALALAALLLLLALLALLLLAAALLLAAALLALLALLLLLALL
   LALLLALLALAALLAALAALL

   DECRYPT BACON
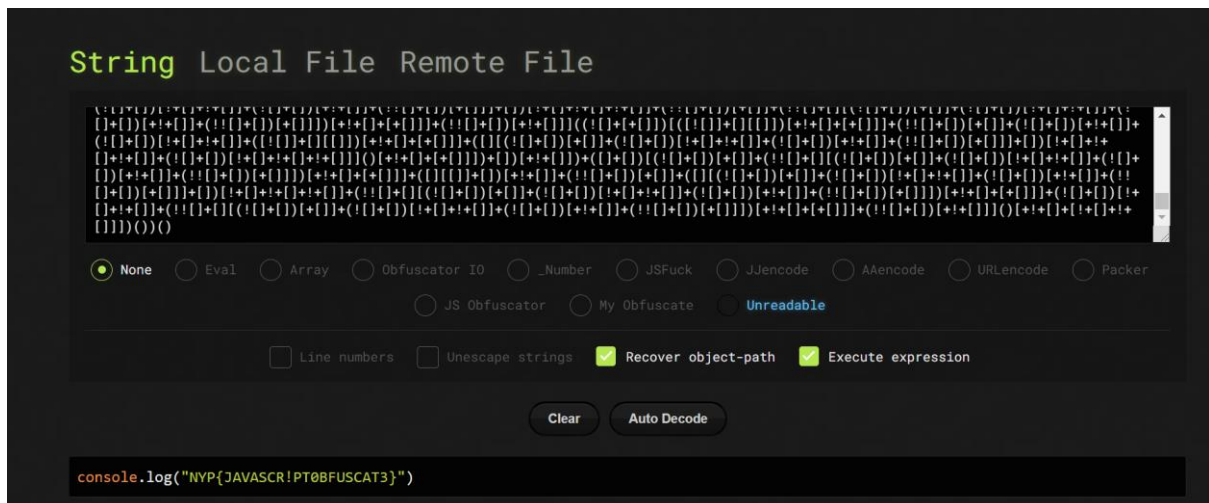
# 7) What the JS!!!

1. Download the file from https://drive.google.com/file/d/1o2gn9QTwMDq2QIHh_1sulLaHiXTG24i-/view
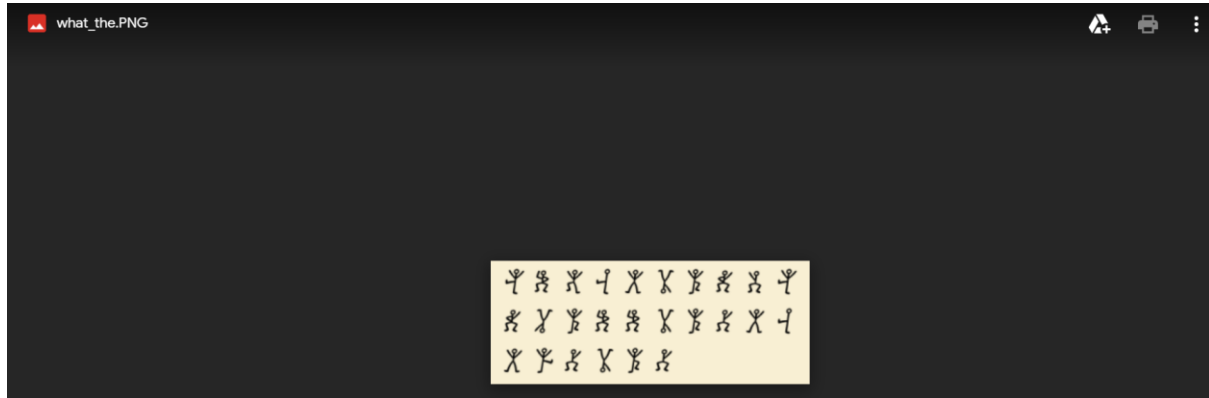


2. Looks like an obfuscated JS code. Goto https://lelinhtinh.github.io/de4js/ and unobfuscate it.

# 8) Dancing Men

1.  Challenge Information available at
    https://drive.google.com/file/d/1Nf9Q4LhxVhBMzRDQ7v3NmDid6rbzSgkw/view



2.  Goto https://www.dcode.fr/dancing-men-cipher and we can get the flag from there.