

OSINT

WEAK

They have said the flag is the most commonly used passwords in the world often considered weak and insecure

- I tried with 123456 ; was incorrect and latter entered 12345678 which was correct

They were no flag format so 12345678 is the flag

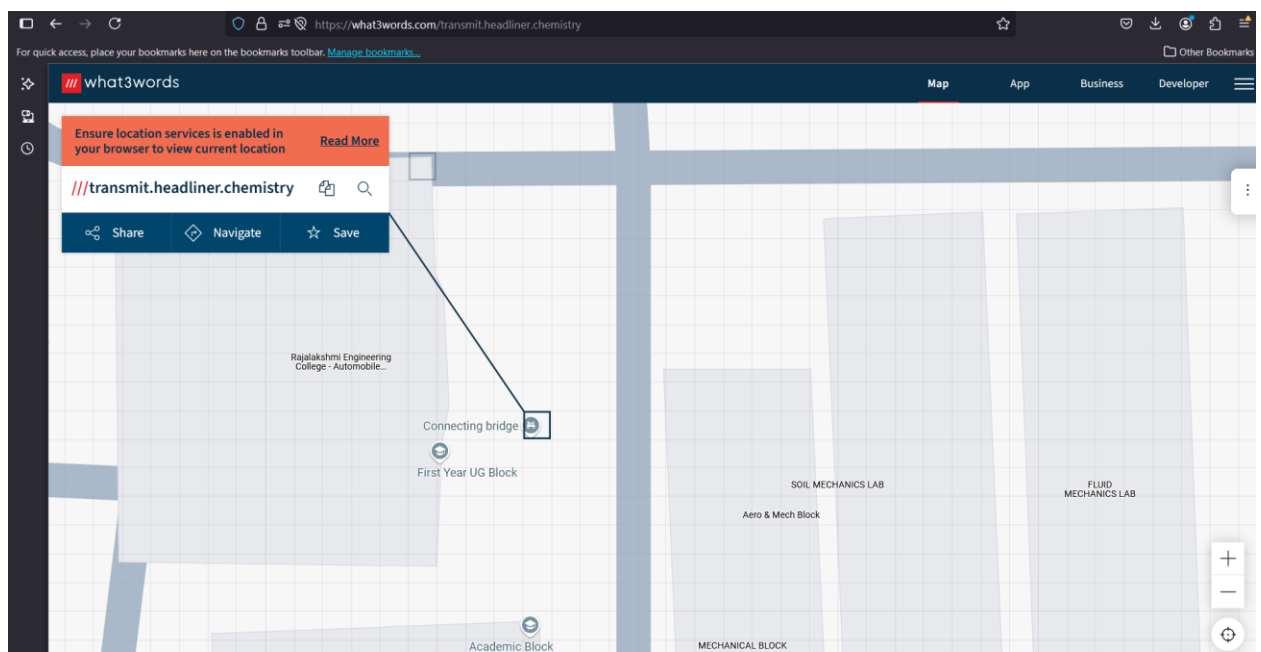
LOCATE THE BRIDGE

Description:

The task was to find the connection bridge in rajalakshmi engineering college using WHAT3WORDS and get the three words as the flag.

Approach:

- Navigated to the what3words website and searched for our campus
- Then located the connection bridge between the academic block(D) and the Aero block(C)
- Got the assigned 3 words and that was the flag



Flag: transmit.headliner.chemistry

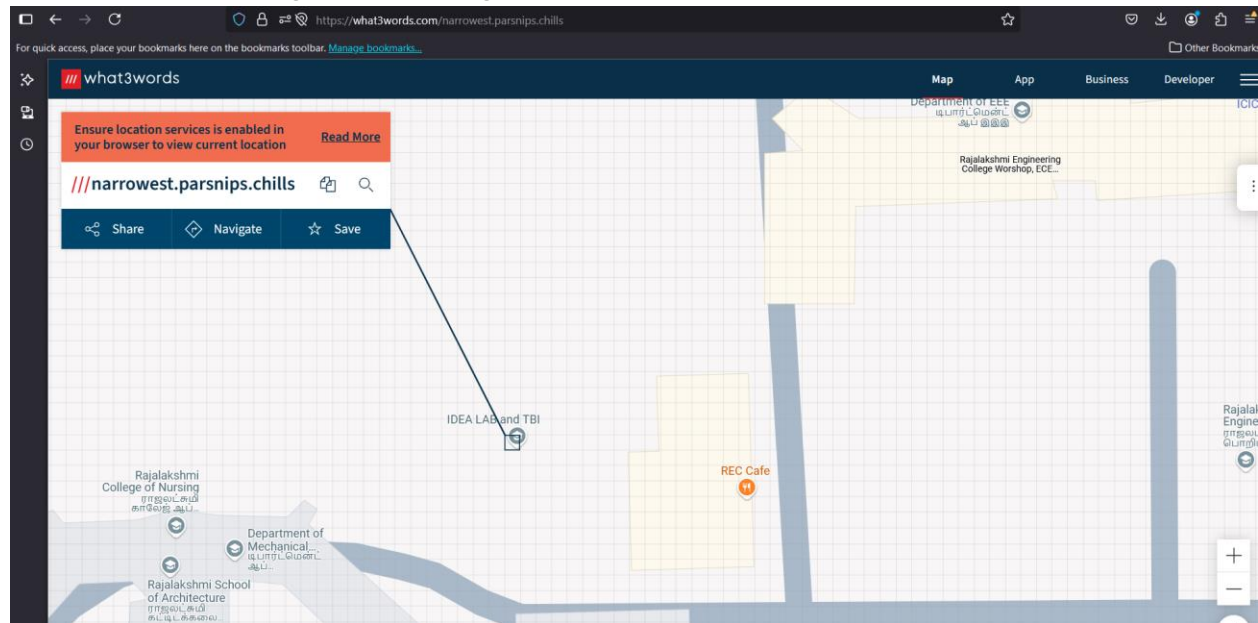
FIND THE LAB

Description:

This challenge was similar to the previous one. We needed to get the assigned words to our idea lab.

Approach:

- Similarly navigated to the what3words website and located our idea factory and got the assigned three words.



Flag: narrowest.parsnips.chills

THE MAGNETIC EPICENTRE

Description:

To get the assigned words of a certain point in Tamil Nadu that is often considered to align closely with the Earth's magnetic equator.

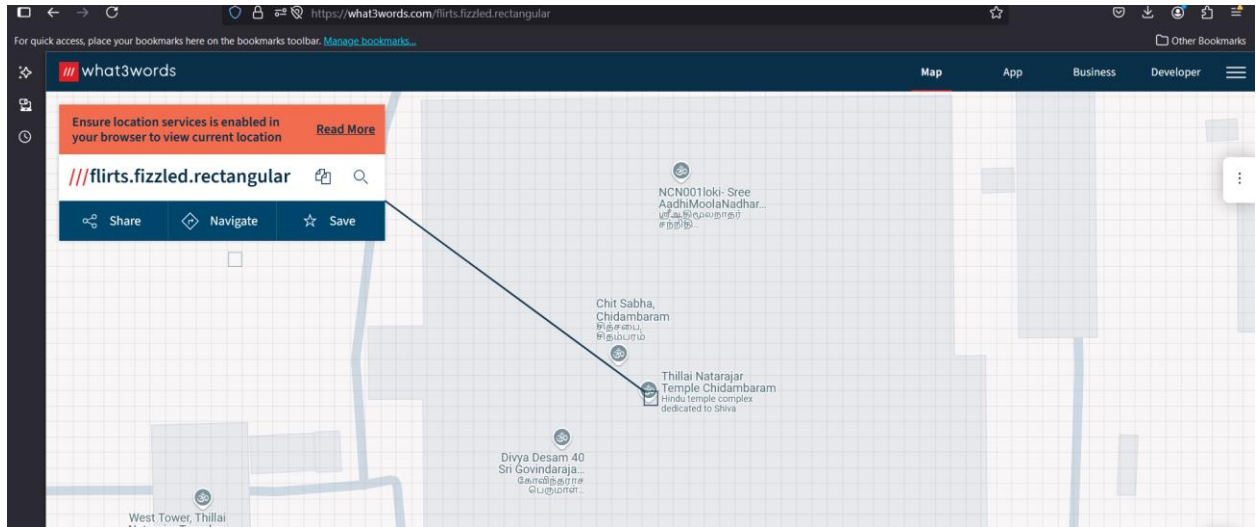
Approach:

- Firstly searched google which place in TamilNadu that is aligned closely with the Earth's magnetic equator.

The Nataraja Temple in Chidambaram, Tamil Nadu is often considered to be located at the center of the Earth's magnetic equator. Some believe that the center point of the world's magnetic equator is exactly under the toe of the Nataraja statue in the temple. [🔗](#)



- Located this place in what3words website and got the assigned three words.



Got the assigned words; Flag:flirts.fizzled.rectangular

FIND THE RANCH

Description:

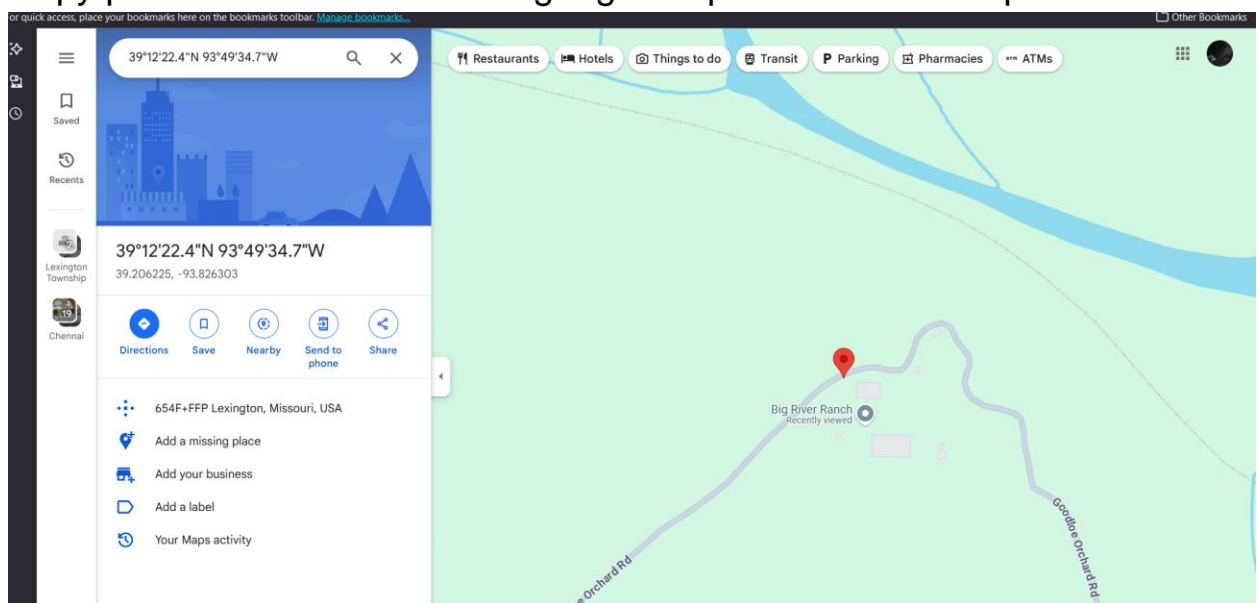
A jpg file was given which had the coordinates of the place hidden in it
With the help of meta2go website, got the metadata of the image

Approach:

- Navigated to meta2go website and uploaded the .jpg file and got the metadata of the image.

scale_factor35efl	7.2
shutter_speed	1/14
sub_sec_date_time_original	2021:06:11 21:33:04-05:00
sub_sec_modify_date	2021:06:11 21:33:04-05:00
gps_latitude	39 deg 12' 22.41" N
gps_longitude	93 deg 49' 34.69" W
circle_of_confusion	0.004 mm
fov	108.3 deg
focal_length35efl	1.8 mm (35 mm equivalent: 13.0 mm)
gps_position	39 deg 12' 22.41" N, 93 deg 49' 34.69" W

- This included the latitudes and longitudes.
- Copy pasted the coordinates in google map and located the place



The place and the flag was **Big_River_Ranch**

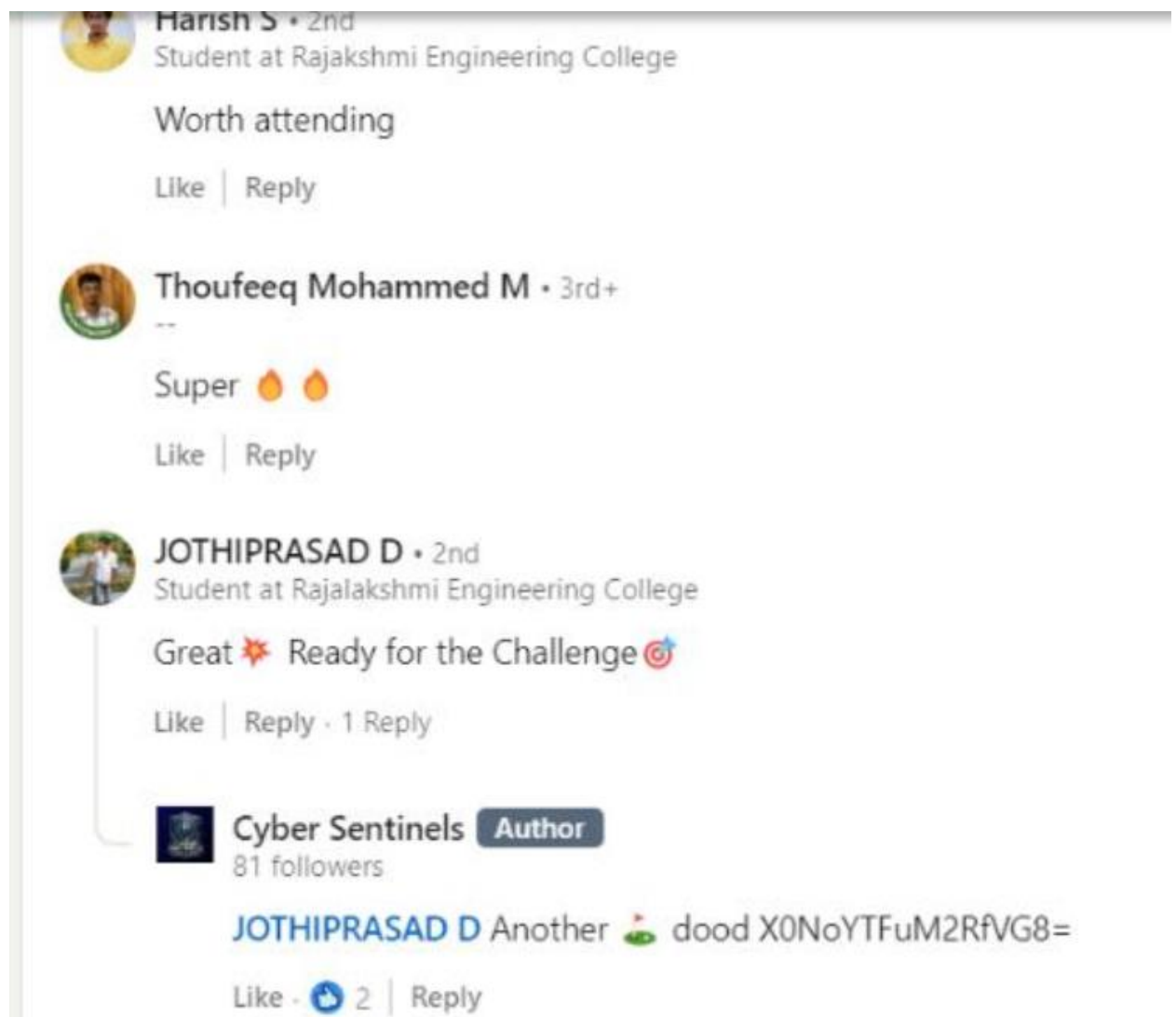
THE CYBER SENTINELS HUNT

Description:

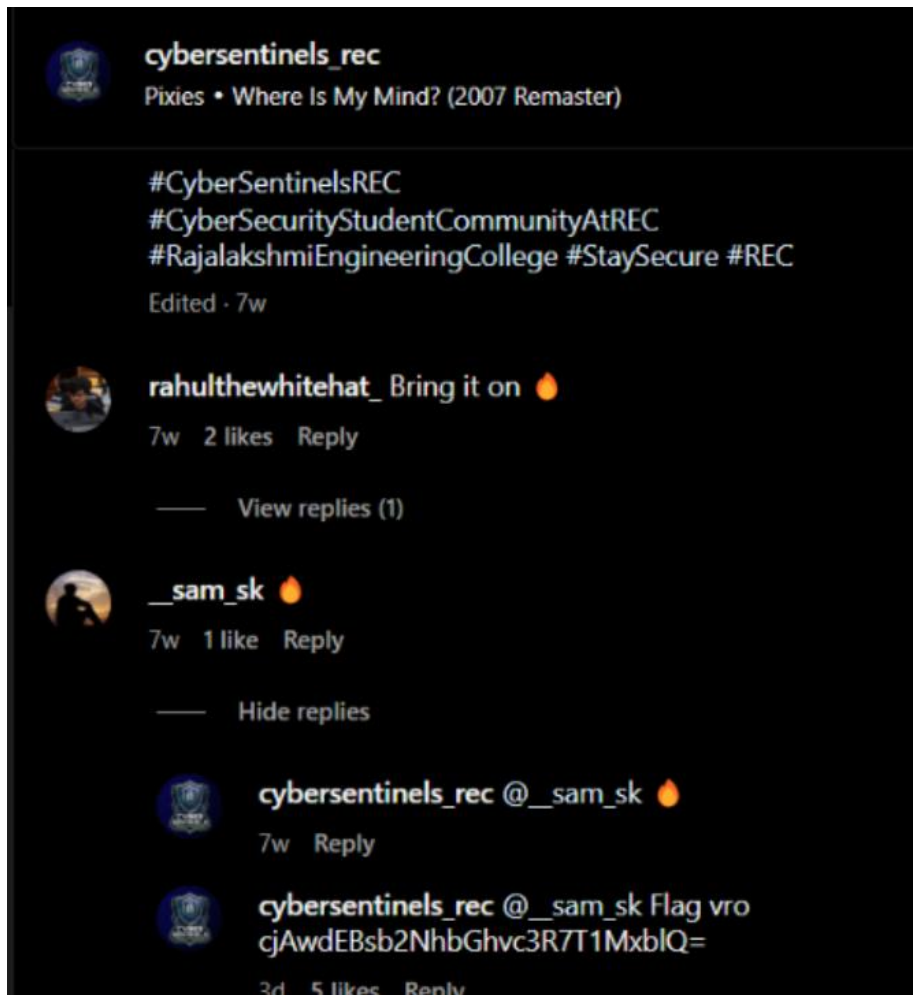
The cyber sentinels group have left a trail in their instagram , linkedin , and in the discord servers.

- Went to their insta handle, linkedin profile and discord and got all the fflags which where encoded using base64...decoded with the help of cyberchef

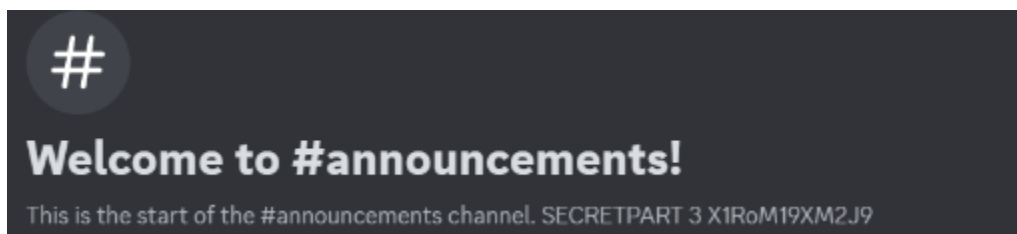
Linkedin



Instagram



Discord



Then merge all the three flags and decode using cyberchef

Operations462

Search...

Favourites★

To Base64

From Base64

To Hex

From Hex

To Hexdump

From Hexdump

URL Decode

Regular expression

Entropy

Fork

Recipe

From Base64

Alphabet
A-Za-z0-9+/=

☒ Remove non-alphabet chars

☐ Strict mode

Input

cjAwdE85b2NhbgVhc3R7Tj1Mxb1Q=X08ioYTFuP2RfVG8=X1RoM19XN2J9

Raw Bytes

Output

r00t@localhost{0S1nT_Chain3d_To_Th3_W3b}