RCSC TREASURE HUNT - 2.0

PROBLEM:

RCSC TREASURE HUNT - 2.0

Welcome to Cyber Treasure Hunt 2.0!

Your journey begins here. The flag is divided into 7 parts (1- 7), each hidden in the shadows.

You'll encounter the flag segments in the following format: flag[x] = "Example"

Once you've gathered all parts, concatenate them and submit the complete flag.

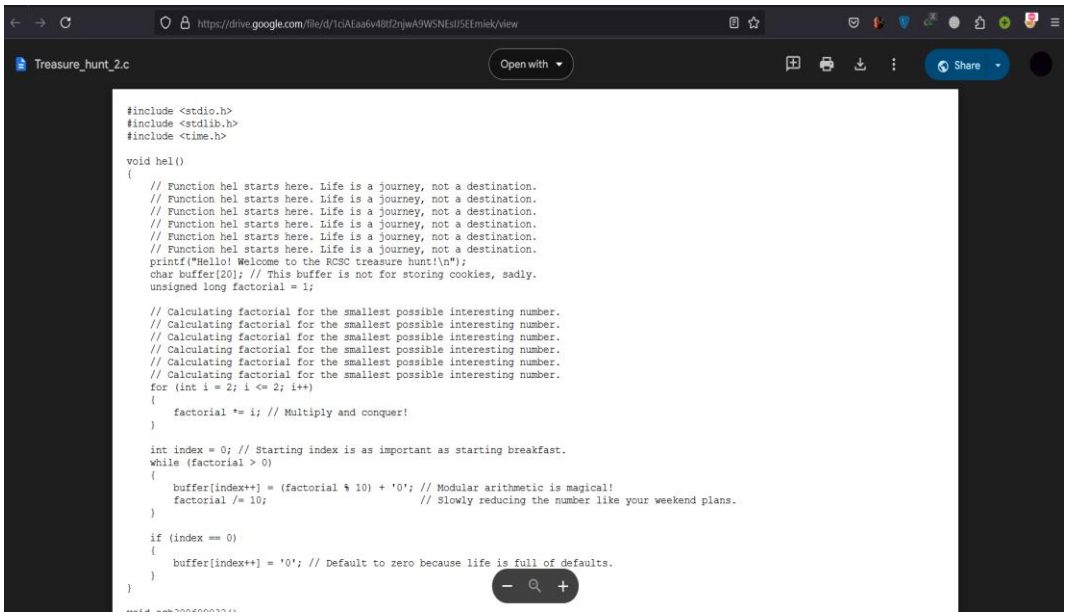
Here is you first clue : Familiarity with the C programming language will be beneficial.While coding isn't required, attentive reading of the code is essential. Remember, sharing your discoveries will lead to disqualification. Best of luck!

C code is here: https://drive.google.com/file/d/1ciAEaa6v48tf2njwA9WSNEsIJ5EEmiek/view

After completing your hunt submit the flag here:

SOLUTION:

Firstly, a link was provided for the initial step, leading to a C code file. After visiting the link, I found this:



When I downloaded the C code and opened it, I found many functions in the code. Among them, I discovered something interesting that was commented out:

```c
Treasure_hunt_2.c > hel()
void get_data()
    srand(time(NULL));         // Seeding the randomness because life is random.
    secret = rand() % 100 + 1; // Secret numbers are always thrilling.
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    secret = rand() % 100 + 1; // Secret numbers are always thrilling.
    secret = rand() % 100 + 1; // Secret numbers are always thrilling.
    secret = rand() % 100 + 1; // Secret numbers are always thrilling.
    // printf("Congratulations! You guessed it!\n"); // Celebrating your victory.
    // The story begins here. Every treasure hunt needs a tale.
    // printf("\nWelcome to treasure hunt. Your Journey begins here.Every treasure hunt needs a
    tale.\n");
    // printf("Someone once messaged our club's representative, Mridul, asking him to hack an ID.
    But instead of hacking the ID, he hacked their heart! Now he is legendary in our club as
    'heart_hacker_mridul_vai'. To top it off, he even created an Instagram account not to hack IDs,
    but to stalk them in style!.\n");
    printf("Guess the number (1-100): ");
    do
    {
        scanf("%d", &guess); // Reading your mind, or at least your input.
        if (guess < secret)
```
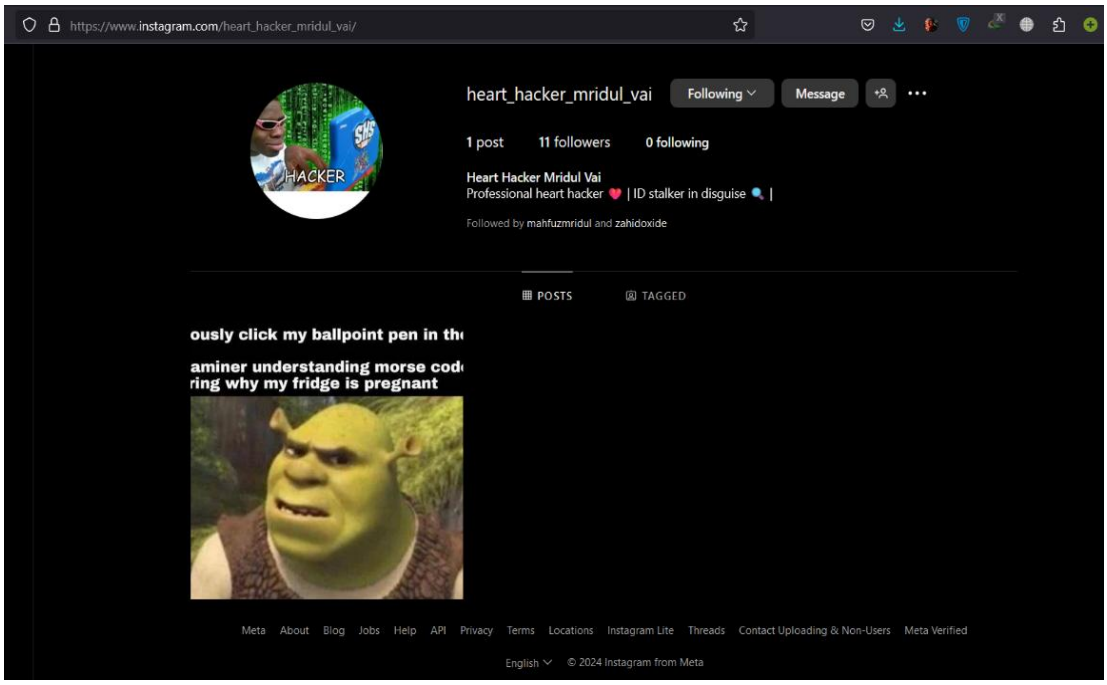
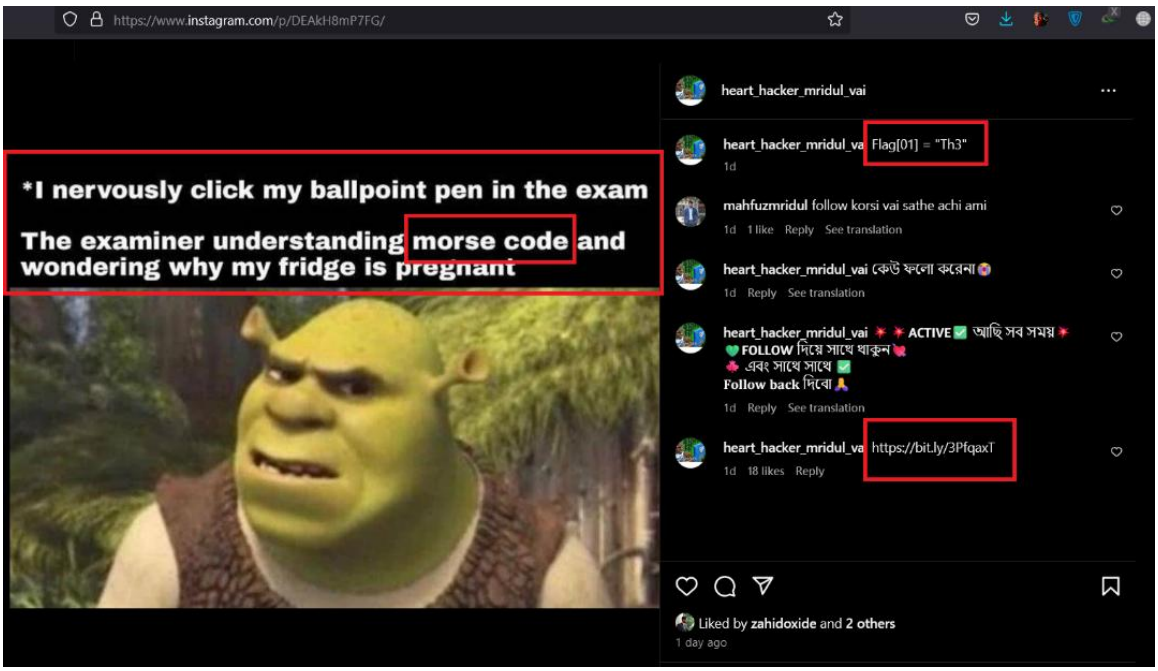
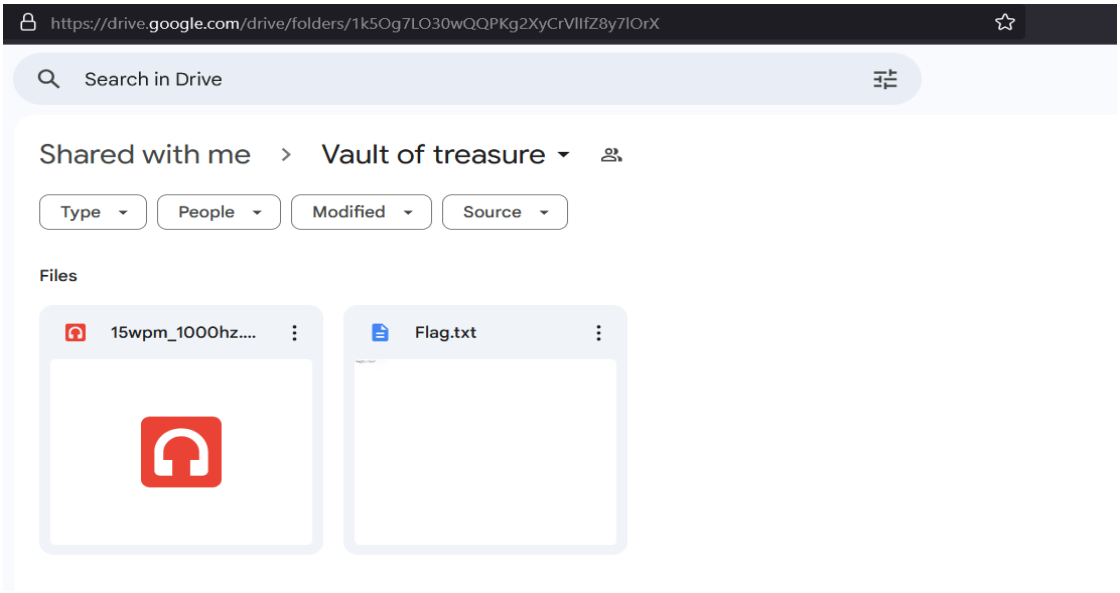

Here is given about an instagram account named “heart_hecker_mridul_vai”. When i search this id in my instagram account i found this:



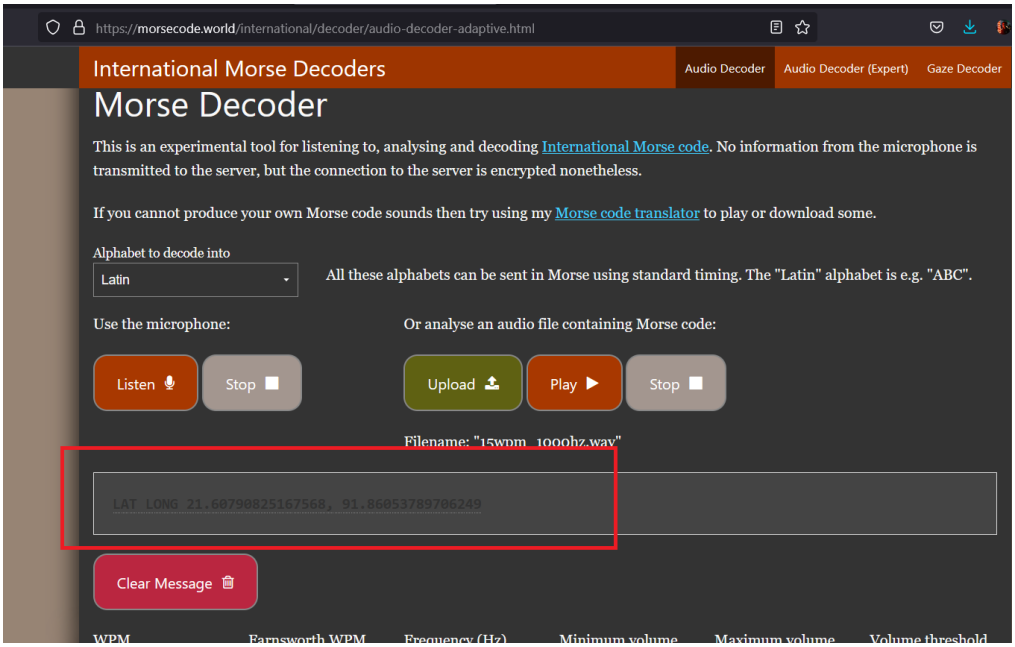
He has only 1 post and 11 followers. His post was:



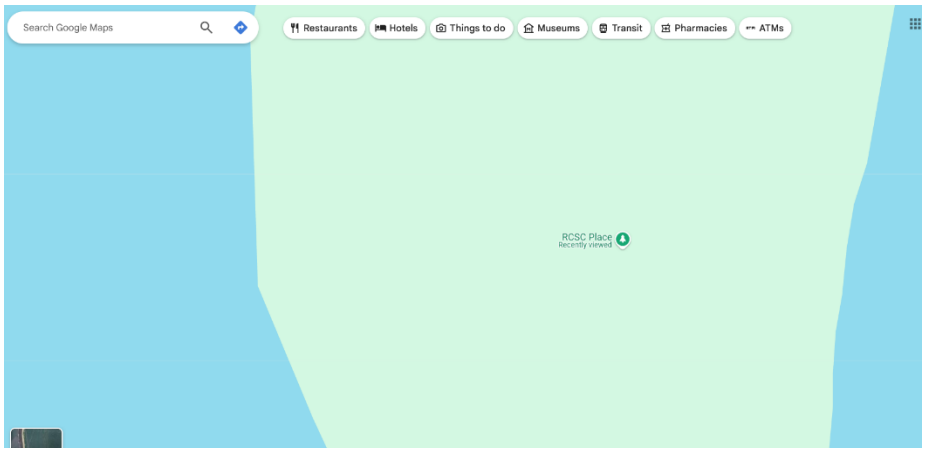
In this post flag[01] is given. And a link is given: https://bit.ly/3PfqaxT . When I visit this link and found this:



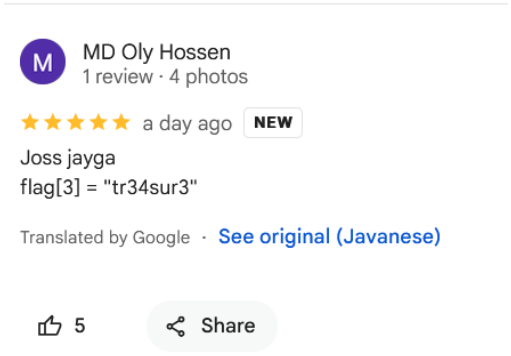
In flag.txt I found 2nd part of the flag. flag[2] = "true" and other was an audio file. As previously in the Instagram post the post was about morse code. So I google for morse code decoder and decode the audio file. After decoding I found this:



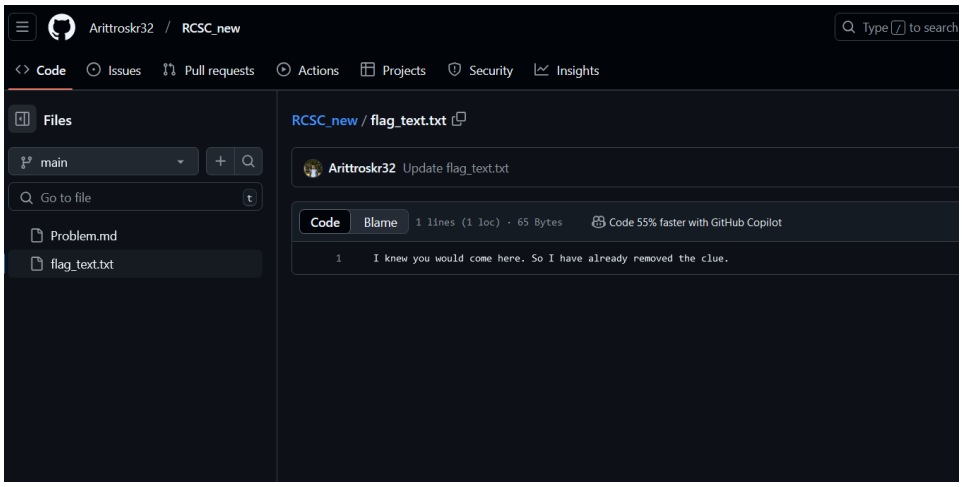
LAT LONG 21.60790825167568, 91.86053789706249. When I google it I found this was latitude and longitude which refers to a location. I search this location in google map and found this.



When I open this location I found a flag in the review section and in the update section of this location I found a QR code.

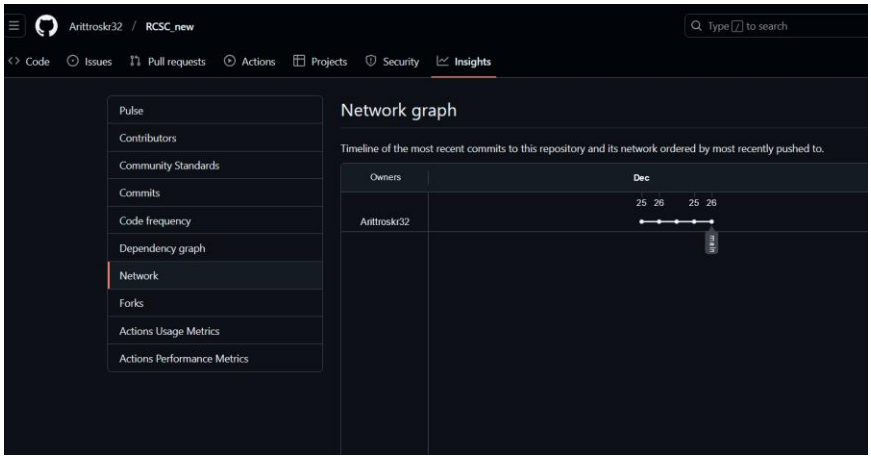


This QR take me to https://github.com/Arittroskr32/RCSC_new this location. Here

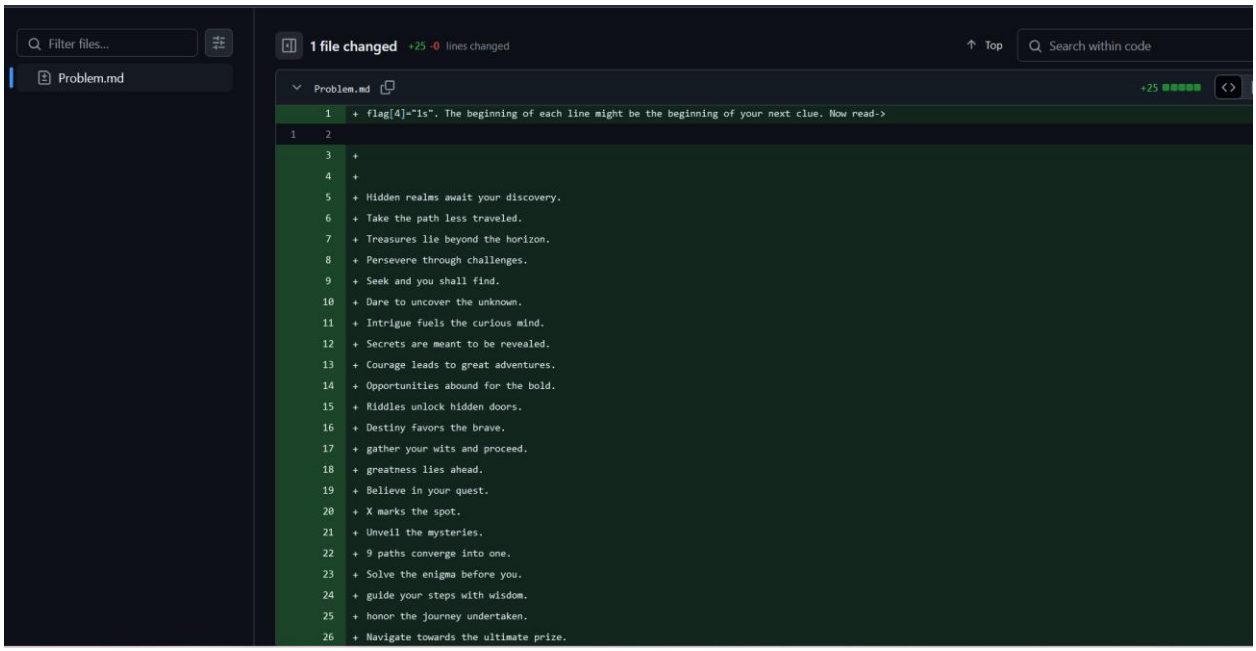


It tells that they has already changed everything. So it means it has been edited.

So I go to ((insights -> network)) of this repository to found the previous data:



When I click on 26 I found the actual message that was edited:



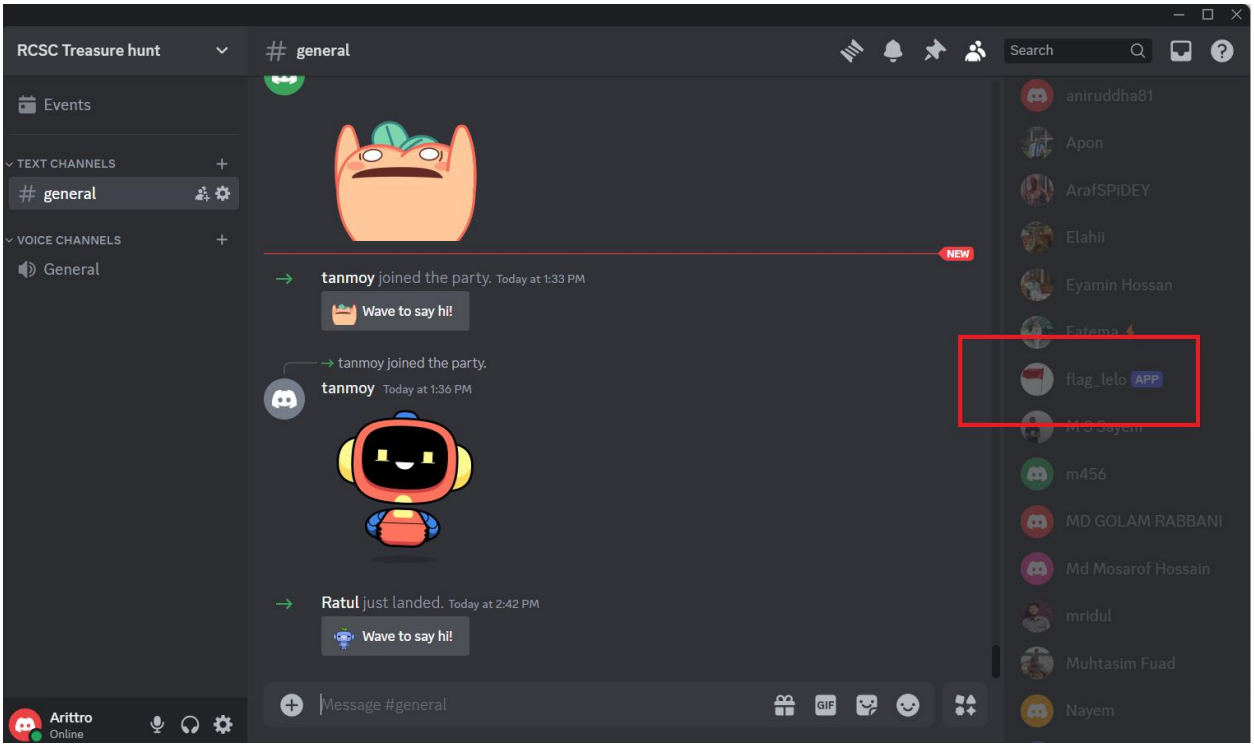
I found flag[4] here and a clue for next round. As it tells that line beginning is the next clue. So I write the first character of every line and get this:

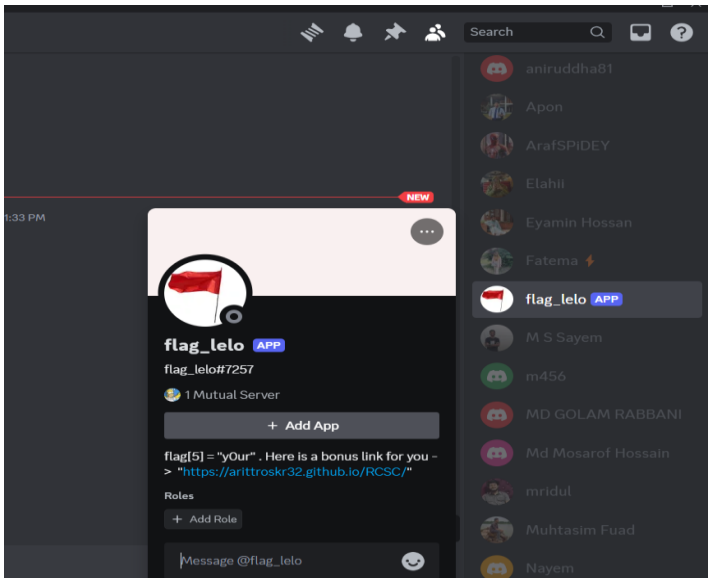
HTTPSDISCORDggBXU9SghN

This is something like a discord link:

https://DISCORD.gg/BXU9SghN

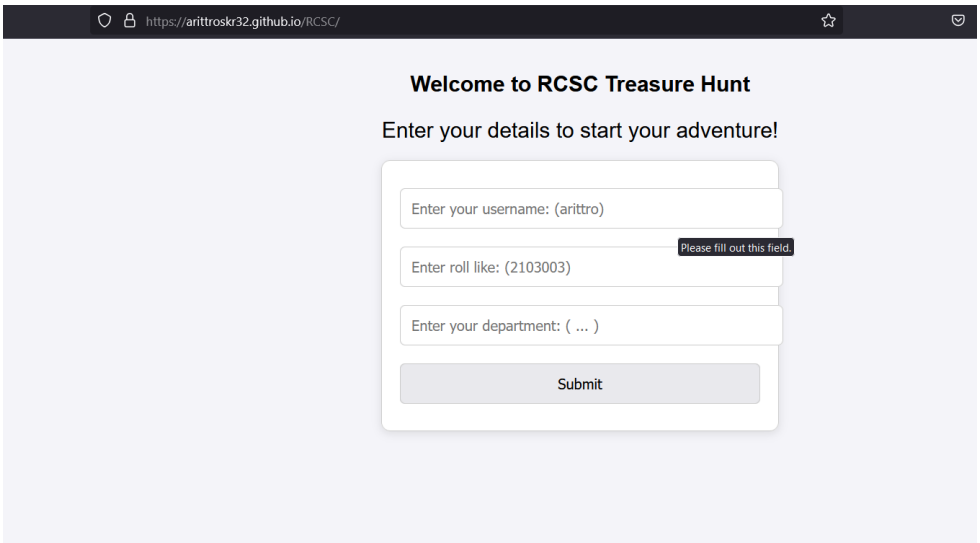
when I open this link it take me to a discord channel. There I found nothing in this channel but when I see the members list of this channel I found one bot interesting named “flag_lelo”.



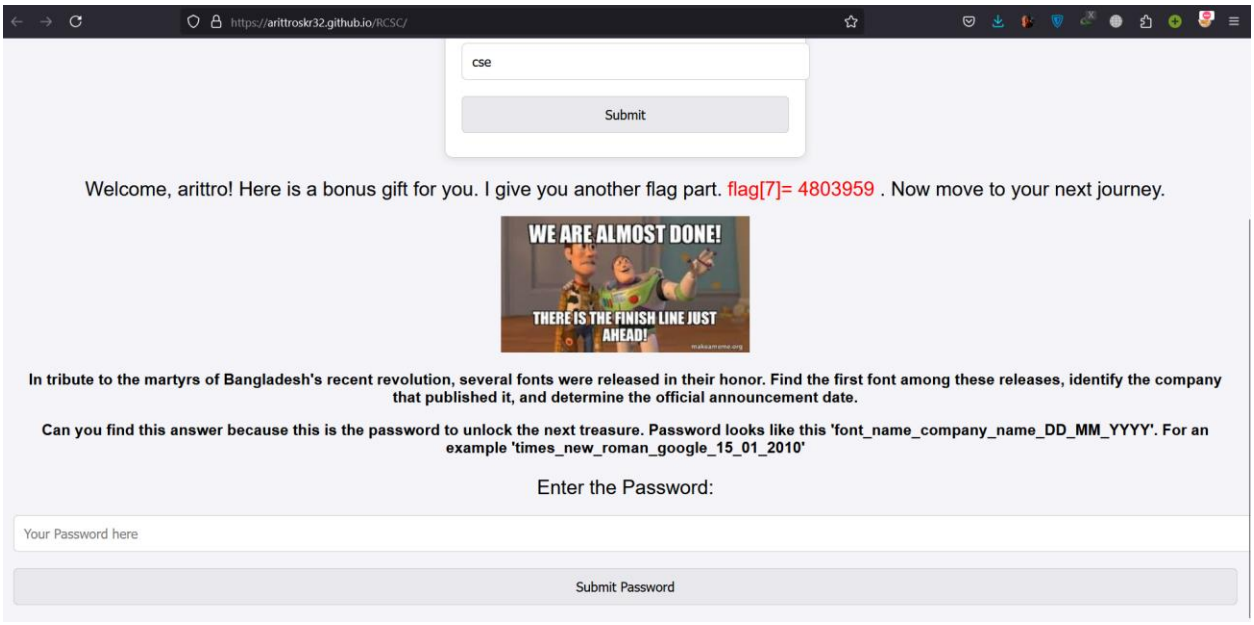


In this bot description I found flag[5] and a link: https://arittroskr32.github.io/RCSC/

This link take me to this:



When I give all the details I got this:



I got another flag and a problem. This problem tells about recent revolution which is about ‘quota andolon’. When I search fonts on martyrs of quota andolon I found a font name ‘Abu Sayed’ font. Which release date was 31 july, 2024.

So password will be : abu_sayed_codepotro_31_07_2024

When I give this and submit it I found this:

If you do not see the video, then change your browser.

Hurray! You have come to the end of this hunt. Your final clue is concealed within these numbers. Decipher them to conclude your quest. flag[6]="22.777.2.444.66"

Last flag was decoded “22.777.2.444.66”. As in the video a nokia phone is given. So I think it was encoded as dial pad. When I decode it I found a word : brain

So flag[6] = “brain”.

So all the flag parts are complete. Full flag looks like:

Flag : RCSC{Th3_true_tr34sur3_1s_y0ur_brain_4803959}