

tcs HackQuest Season 8

ROUND 1 REPORT

Contest Date: - 27th January 2024

tcs HackQuest

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City	Jalgaon
Challenges solved & the total score	Solved - 5 & Score - 700
Anything else that you want us to know	

(Copy & paste the table x times if you solved x challenges)

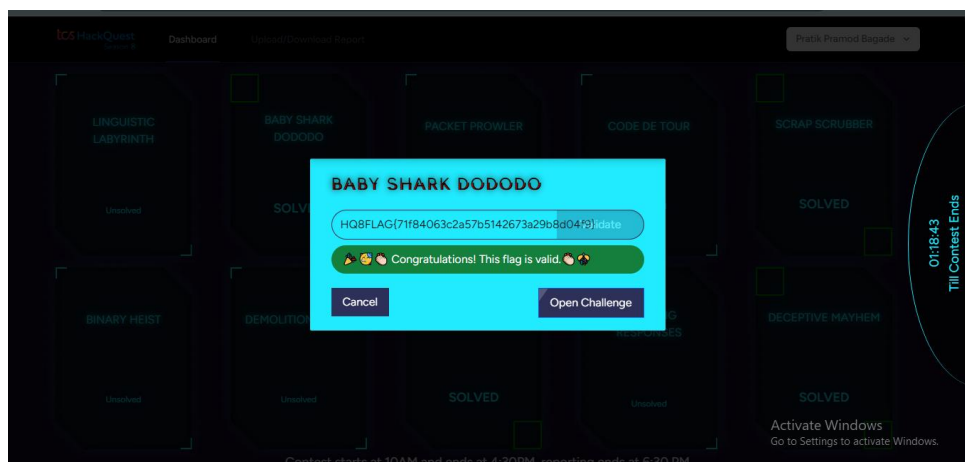
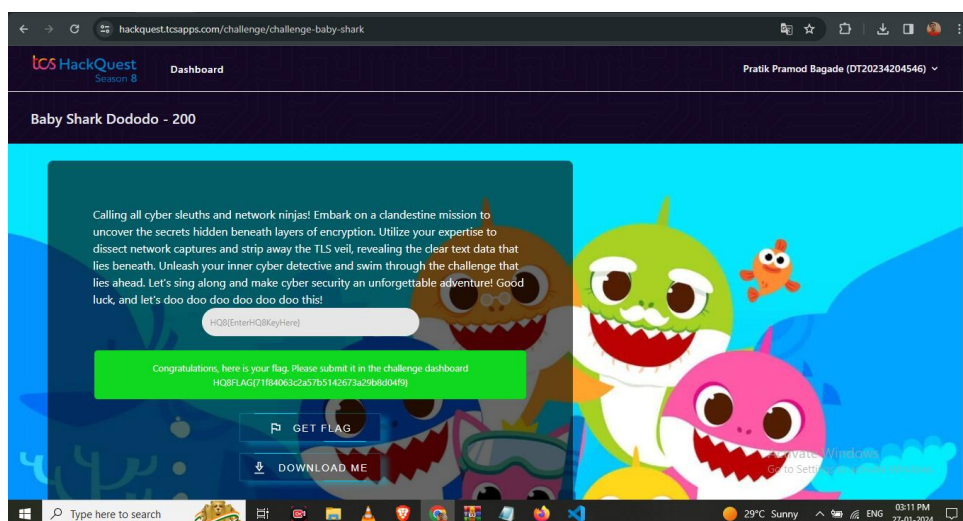
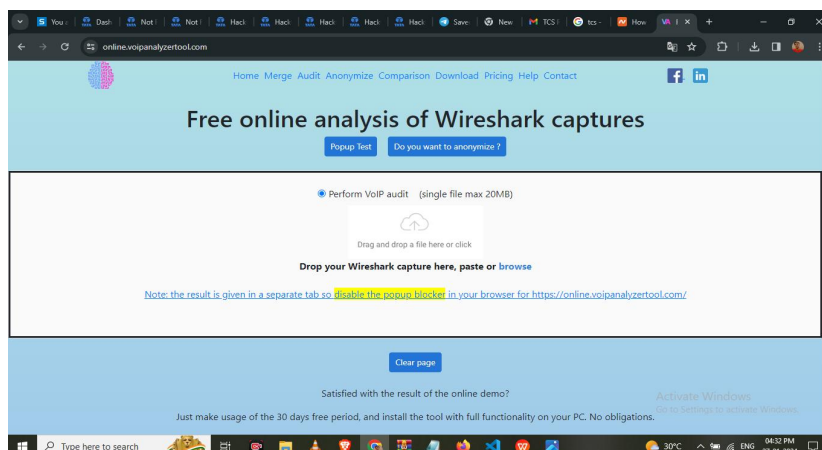
Challenge Title: 1)BABY SHARK DODODO

Flag: HQ8FLAG{71f84063c2a57b5142673a29b8d04f9}

Approach (Step by Step):

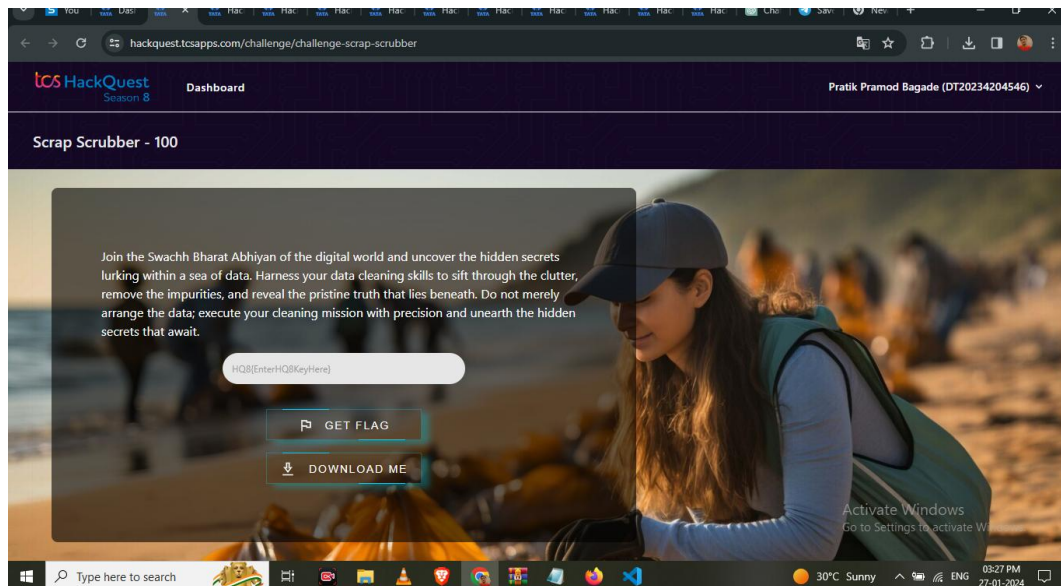
1. In the baby shark task, we have to perform the encryption and find the key between the secreate hidden layers.
2. We download the files.
3. File cantain one Baby_shark_DODODO file with .PCAPNG extension. And other sslKey.log file.
4. So first we open the .pcapng file in wireshark and analyse the format and data imn file.
5. They we used sslkey.log find and then we that we got our flag.
6. Open wireshark compiler and copy the code
7. And paste to the compiler.
8. Run the program and copy the resulting output.
9. Convert it into required key format.
10. The flag we got is HQ8{1aa5ed04919fa882bb65934c926bf20e}.
11. Then we submit it to get the original flag :-
HQ8FLAG{71f84063c2a57b5142673a29b8d04f9}
12. And boom, we finished the task.

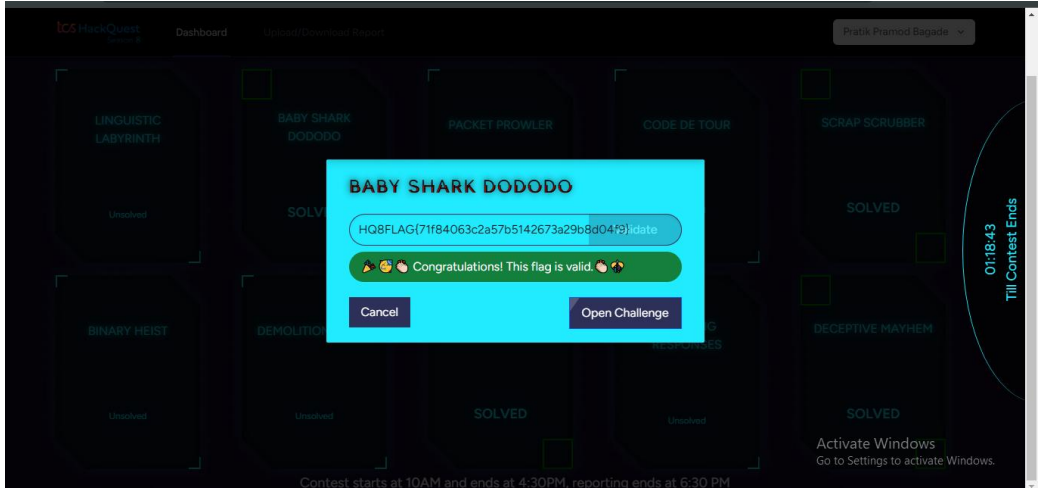
Screenshots:-



Challenge Title: 2)Scrap Scrubber**Flag: HQ8FLAG{d2433675fd29ee095ed8ed0e67b9ac9}****Approach (Step by Step):**

13. In the Scrap Scrubber Task, we have to perform data cleaning actions between the hidden data sets.
14. I download the files.
15. File contain one SCRUBBER FILE with CHAL file
16. Opened the file and got large amount of data sets.
17. I need to clean the data to get the flag
18. So I go to google and go base64 encoder and after that we get the flag.
19. Then we submit it to get the flag :- HQ8FLAG{71f84063c2a57b5142673a29b8d04f9}
20. And boom, we finished the task.

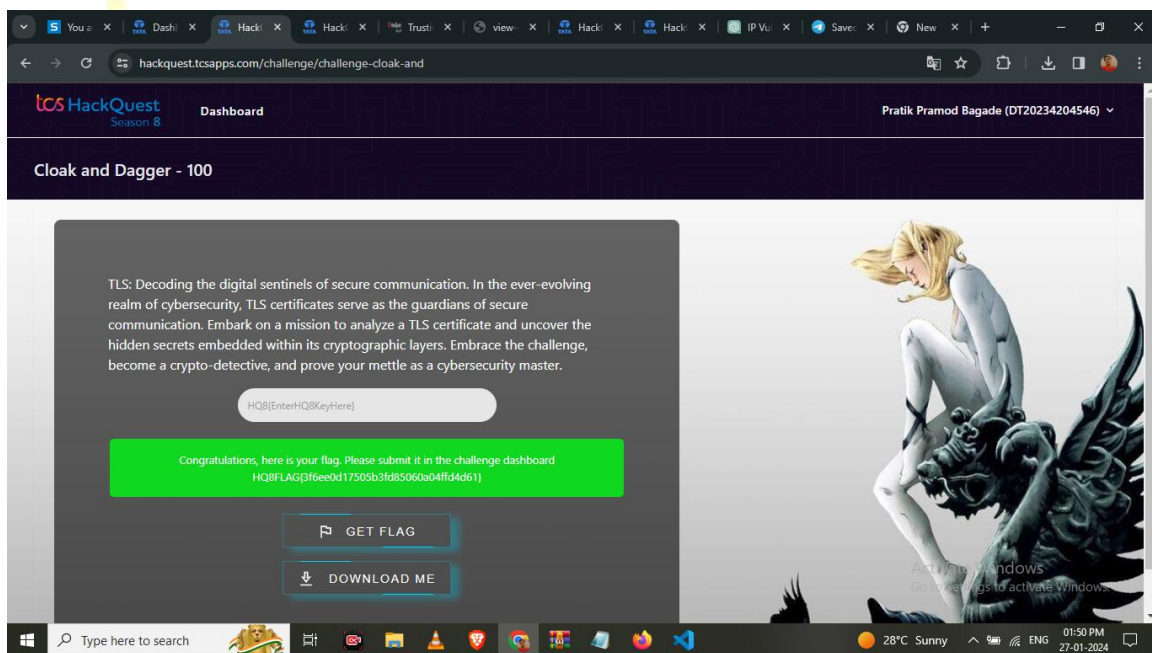
Screenshots:-



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Challenge Title: 3)CLOAK AND DOGGER**Flag: HQ8FLAG{3f6ee0d17505b3fd85060a04ffd4d61}****Approach (Step by Step):**

21. In the cloak and dogger task, we have to decode TSC certificates.
22. We download the files.
23. File contain one server_certi.pem file with encrypted data. And other server_key.pem file. that contain privets key.
24. copy the code.
25. Open java Script compiler.
26. Paste the copied code.
27. Run the program and copied resulting output.
28. Convert that output into required key format.
29. Paste the key and get the flag.
30. Then we submit it to get the original flag :-
HQ8FLAG{3f6ee0d17505b3fd85060a04ffd4d61}
31. And boom, we finished the task.

Screenshots:-



Challenge Title: 4)Trusting Responses**Flag: HQ8FLAG{faf866b5ada3a8c5241f01cfd843217}****Approach (Step by Step):**

- 1) Use page source to get source code.
- 2) See the website of trusting responses
- 3) There is one login page and you need to login with some credentials
- 4) We are viewing page sources and perform operations
- 5) Then we get the default password
- 6) Id- guest
- 7) Passwe - guest
- 8) Then we logged in the website.
- 9) Then we finding the requited flag key.
- 10) We submit the flag

Screenshots:-

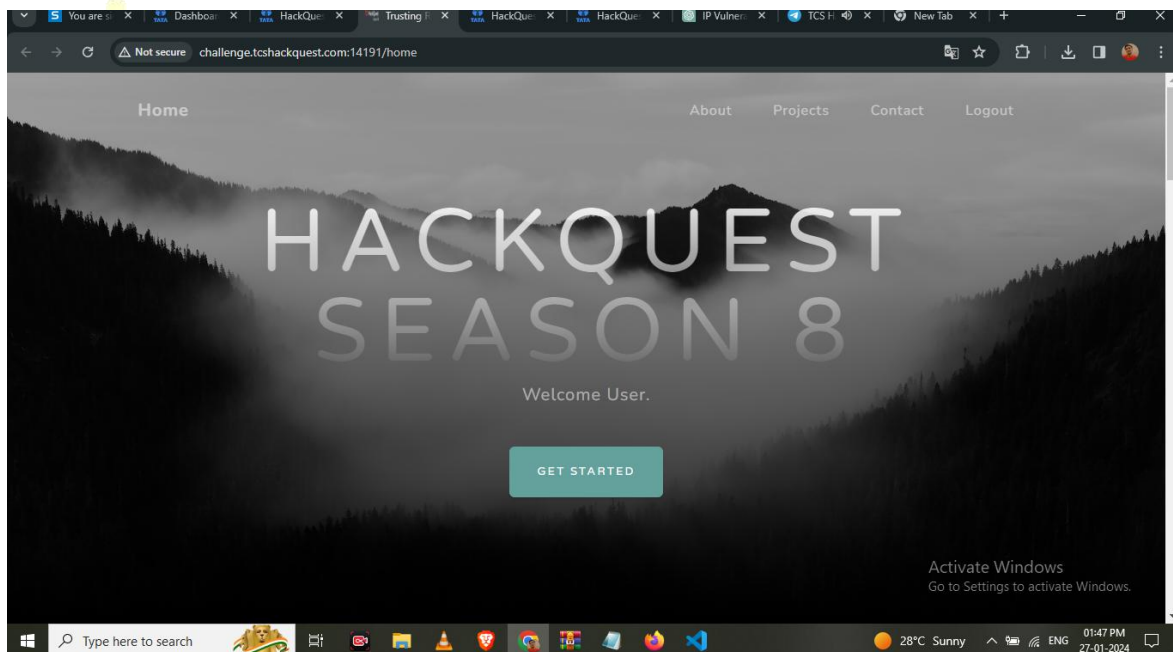
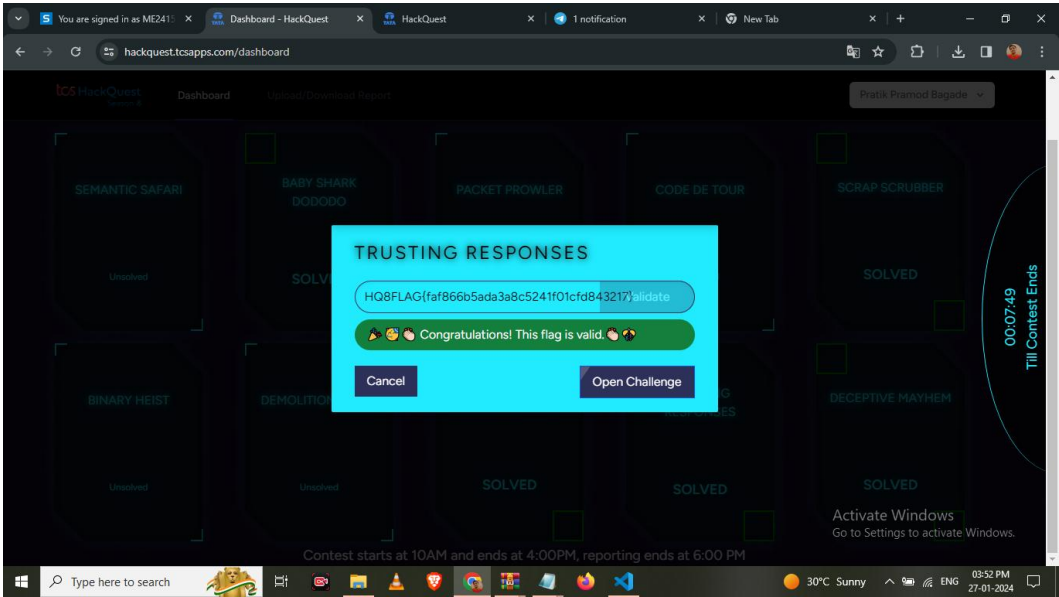


Fig - Logged in into the website with the id and password

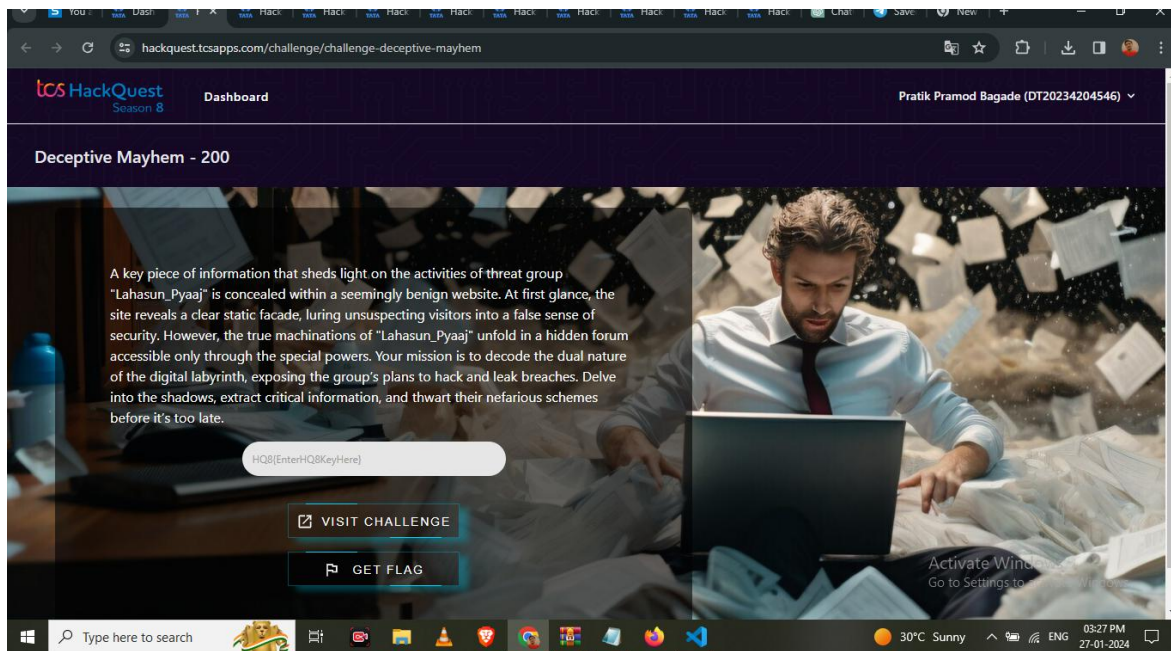


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Challenge Title: DEPECTIVE MAYHEM**Flag: HQ8FLAG{bdc9d7beee8379bdb3830faff9c7ff4}****Approach (Step by Step):**

- 1) The depective mayhem contain one website is given that contain activities of threat.
- 2) So I open the website which given in the problem
- 3) I decode the information which is hidden forum.
- 4) Identified some leak breaches
- 5) Then we decode the inform
- 6) And then after decodeing we extract it and finde the flag.
- 7) The flag is :- HQ8{a6471162999e92c79db70e11e7e9cd6e}
- 8) After that we get original flag after pasting it.
- 9) And boom we finished the task.

Screenshots:-





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