

**Story Line Script**

Introduction:

You just woke up from what it feels like a decade long nap. You look around to find yourself in an unrecognizable place. You start freaking out...

Some strangers hear you fussing around. They enter the room where you are lying. “Don’t worry. You’re in a safe place.” They interduce themselves as a group of activists. A couple of months ago, they found you unconscious on the side of a street and decided to help you. They recognized you from the search warrant spread all over the city. “A sketchy group has been looking for you intensely.”

“Graphic of search warrant?”

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To protect you, they took you to their headquarters, took care of you and kept you a secret to ensure your safety.

“I don’t seem to remember anything. Who even am I?”

To your surprise they respond, “we don’t know. We couldn’t find out who you are.”

However, what they know for sure is that he might be in a great danger.

You’re tiered. You feel helpless and lost. But you can’t just sit there a do nothing about it. There is a fire burning inside of you. A strong feeling telling you to hurry up. So, you muster every single ounce of energy left inside of you and get up.

“Thank you for your kindness. But I need to go.” is what you tell the activists before starting your journey to uncover your past and save your future.

Story part related to challenges:

After wondering the streets for a while, you spot a big library at the end of the street. A library seems like a good place to start you search. Over there, you can have access to many resources that will help you with your search. So, to the library you head.

"Who even am I?” ctf7 (challenge type: Web exploitation, difficulty level: easy)

Right behind the entrance you find you find big shelfs full of leaflets and local advertisements. According to activist friends the search warrants for you are spread everywhere. So, you’re bound to find some of them here. You start looking around those shelfs desperate for information. However, these shelfs are stacked with material. A search on the surface level is not enough. Further **inspection** is needed.

Enter the flag for “who even am I?”

Hints: open your inspector view and have a look at the website’s resources.

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Finding your name is a great start. But you need to learn more about yourself. So, you decide to log on to a computer and research more on the internet. It appears you already have an account at the library. You just need to find a way to enter it.

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“Wait... but how can I log in to my account?” ctf1 (challenge type: XXS, difficulty level: 1)

Hints 1: Can you find a method that will be executed when you press the button?

Hints 2: What does the JavaScript funktion atob() do?

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Let the search begin! ctf4 (challenge type: XXS, difficulty level: 2)

You’re in! Naturally the first thing you want to do is to navigate to the web browser and start your search. However, this web browser is behaving weirdly. Whenever you type in your name it doesn’t give you any useful results. "Maybe the bad guy’s looking for me have restricted the search.”

You may have forgot a lot, but you haven’t lost your computer skills. But you know how to crack it.

Hints 1: You need to insert some javascript, maybe the script tag helps

Hints 2: It is possible to pop an alert with javascript "alert()", you should only add some script-tags

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I just wanna go home... ctf5 (Challenge type: XXS, difficulty level: 3)

It has been a long day and this search is taking a toll on you. You just want to go home. Now that you hacked the browser and you know you log-in data, you decide to log into your account and find out more personal information about yourself. Especially your home address. Unfortunately, it seems like the bad guys knew that you're going to do that at some point. So, they somehow gained access to your account and ruined the search function. You have no other choice but to use you XSS-Skills and see what information you can retrieve.

Hints 1: Maybe there are other html tags that are vulnerable?

Hints 2: Think of an image tag, could you insert same javascript here (onerror= and src=)

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Finally! You opened your account and found some information about yourself. You’re done for the day it's time to go home. Before leaving the library, you take a map of your city. You mark your route home. Lucky you! It's not a long distance. So, you walk your way back home.

You stand in front of the building where you live and you at once recognize it. You inter the building looking for your apartment feeling extremely uneasy. Since you arrived your heart is beating extremely fast.

You know something important that changed your life forever happened here, but you can't remember it.

You end up finding your apartment in the first floor. The door is open! It seems like a tornado just went by and completely messed up the place. “It must be the bad guys who are looking for me” you say to yourself. However, its already late at night. No time to explore around now. You need to rest. Tomorrow you can start exploring around the place.

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The art that survived the storm ctf2 (Challenge type: Forensics, difficulty level: easy)

It’s a new day. Now you’re motivated more than ever to figure out what's happening in your live.

You start roaming around your apartment looking for a clue. In the living room, a painting hanging on the wall has survived the destruction. It keeps garnering you attention but staring at doesn’t awaken any memories inside of you. You decide to look more into it.

Hint: A photo is way more than a bunch of colored pixels. Even subtle details can reveal stories and secrets (look in the metadata).

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7.p: Now, it all coming back to you. It was a gift from your girlfriend. She drew it for you herself. The moment this memory awakens in your brain, deep grieve starts filling your heart. What happened to her. Where is she.

(Continuation of the girlfriend tragedy here maybe?)

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Introduction for cryptography and reverse engineering challenges:

Under the ruins in your office, you find your PC. It seems like someone smashed it with a hammer. Not much of it can be salvaged. But this is not going to make you give up. You’re desperate for finding any thing that will help you remember. Your personal computer is definitely a very important piece of evidence for your search. Your pry the case of your PC open and start looking for the hard disk hoping that you can still save it. To your surprise it doesn’t look in a bad shape. You dismantle it from the ruined parts and decide to go to your activist friends for help.

“I'm sure they have the tools that will help me extract some information out of it.”

You arrive at the headquarters hectic and stressed out. Your mood immediately changes after seeing everybody there so happy to see you again. They were worried something bad might have happened to you. You assure them that your find, but your search is far away from being done. You pull out the hard disk from your pocket and ask them if they can provide you with some equipment. And they did not disappoint.

After some fiddling around you manage to connect the drive to a new computer. And voila! You’re in. However, from now on, things start going south. Your disk has been tampered with. Some files are incomplete. Others are encrypted or corrupted. Extracting information form it is not going to be an easy task.

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A random file in your home directory ctf9 (Challenge type: reverse engineering, difficulty level: easy)

Withing the chaos on your personal drive you find a file that doesn’t seem very bad to start with. It seems like it used to hold some secretive information, but someone tried to mess it up. You’re an expert on reverse engineering. This should be an easy task for you.

Hint: Have you tried working with char arrays in java? (Done til here)

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