Replay Attack 3

Intro

The Red Hawks Soccer Club is a passionate soccer team located in an old town.

The Red Hawks team has a group of fans that filled the stadium at every home game.

As the team started to grow in popularity, the club's leadership decided to create a VIP membership program for their most dedicated supporters.

The program would include exclusive access to special events, merchandise discounts, and other perks.

The club's leadership knew that they wanted to make the VIP membership program special and unique, so they decided to create the membership tickets using non-fungible tokens (NFTs).

This would allow them to create a limited number of VIP membership tickets and give each member a one-of-a-kind, digital collectible.

The membership works by giving vouchers to selected members which they can use to mint NFTs, Each NFT equals one membership ticket.

There are 180 membership tickets available.

You are a big fan of The Red Hawks, but membership tickets are too expensive and you can't afford them.

By monitoring the transactions to the RedHawksVIP.sol contract, you found the following transaction:

```
Function: mint(uint256 amountOfTickets,string password,bytes signature)

MethodID: mint
[0]:   0000000000000000000000000000000000000000000000000000000000000002
[1]:   000000000000000000000000000000000010526564486177735275 6c7a7a7a313333
[2]:
0x314680f8684d7c555fa6f629b1283300c1cafc6f9215da8808abe72459eedea26767ffc6
7b49390a9e710141b71548cad0a6bf8256299c2cc171530c991cb6151b
```

Your goal is to steal as many membership tickets as you can, since your family and friends are big fans of The Red Hawks as well 😉

Accounts

- 0 - Deployer
- 1 - Vouchers Signer
- 2 - User
- 3 - Attacker (You)

Tasks

Task 1

Steal and claim all the available VIP tickets you can (178), by attacking the `RedHawksVIP.sol` contract.

Task 2

Protect the `RedHawksVIP.sol` smart contract so your attack won't succeed.