Modifying serialized data types

1. This lab uses a serialization-based session mechanism and is vulnerable to authentication bypass as a result.

2. After decoding the session value in the cookie in request, I found that it contains the username and access token. Each user has a unique access token.

3. From lab's hint, I knew that I should apply quirk in the serialized object.
   quirk object means *unusual*, *unexpected*, or *non-standard*, but **still valid or working**.
   I tried to quirk the object by changing the datatype of **access_token** value from string to integer. The expected value for access_token is string, when it changed to integer, that seems strange for the backend and this is the meaning of quirk .And for sure changed the username from wiener to **administrator** and the path to **/admin**.

   i:0 means that there is no value for **access_token**.

4. Now, I have access to the admin panel and delete carlos user successfully.