PICOCTF

Web exploitation

1. Cookies

   - This challenge tests on knowledge on how to manipulate cookies on a website to test its response.
   - If you are not sure what cookies are here is a link that i find very educative to understand how they are implemented and work.
   https://kb.iu.edu/d/agwm#:~:text=Cookies%20are%20most%20commonly%20used%20to%20track%20website,browser%20passes%20that%20cookie%20back%20to%20the%20server.
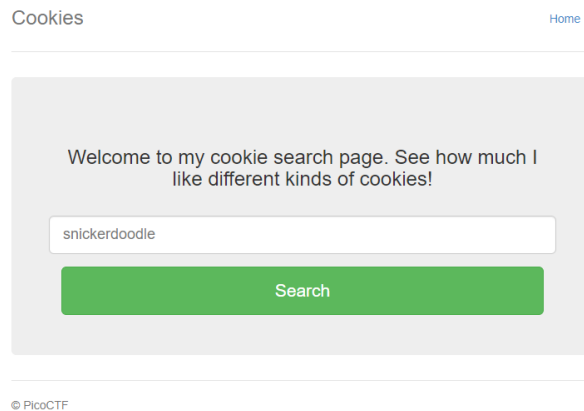
   https://kb.iu.edu/d/ajfi

CHALLENGE DETAILS

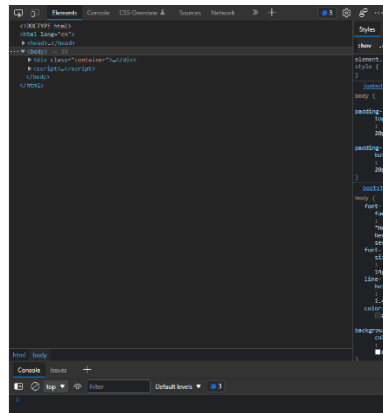Who doesn't love cookies? Try to figure out the best one.
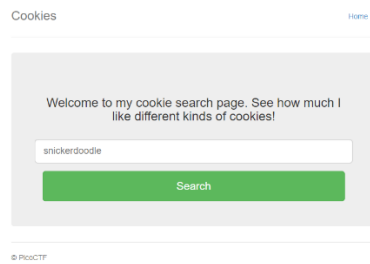
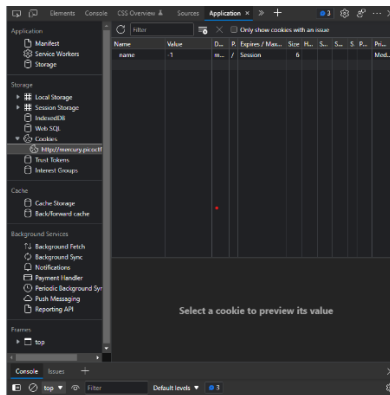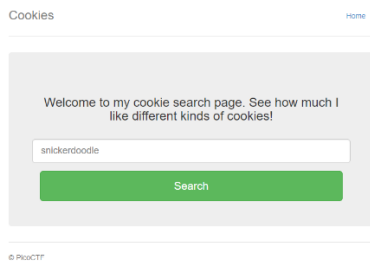http://mercury.picoctf.net:6418/

HOW TO TACKLE THE CHALLENGE

   • After clicking on the link above I was redirected to a site

   • Right-click on the page and click on Inspect or use the F12 key to access the developer page

- On the menu tab I clicked on Application (depending on the browser you are using in my case am using Edge.)


- On the side bar I clicked on cookies, and view a segment as shown in the screenshot above.
- At this point, I wanted to see the response I will get after typing an entry on the text box provided.
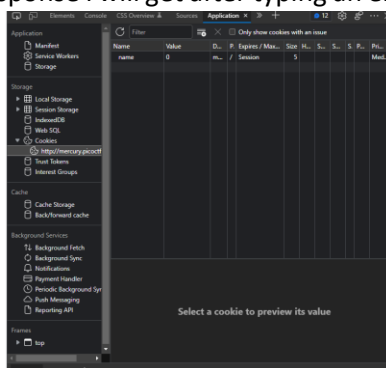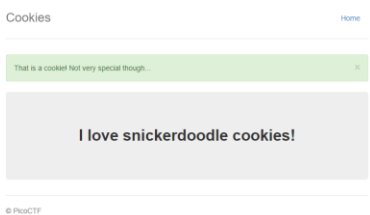

- After typing 'snickerdoodle' on the text box I got this response. If you look at the cookies segment, we notice a change on the value.
- We will change the value and look for the Flag in this case the last cookie value that the site has.
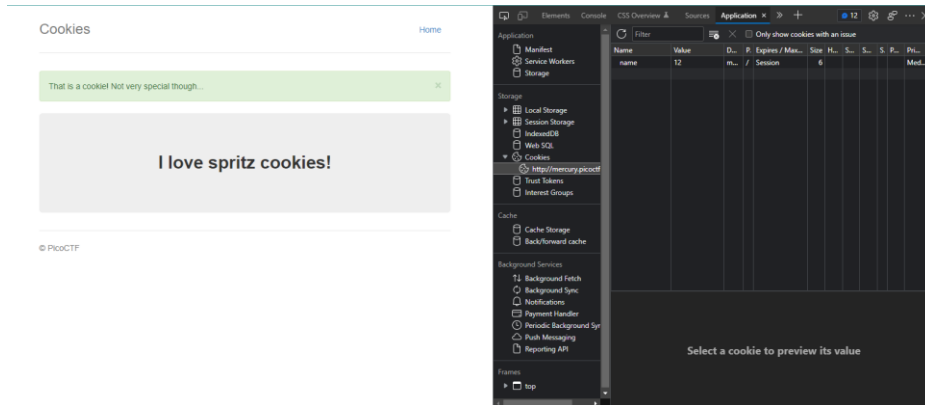
- As you can see, I changed the value to 12 and the text changed to 'spritz cookies' so I tried to look for the maximum number of cookies by trying a higher number.
- When I tried '30'as a value it brought an error which is recorded as '-1'. This means the value is lower than 30 but higher than 12.
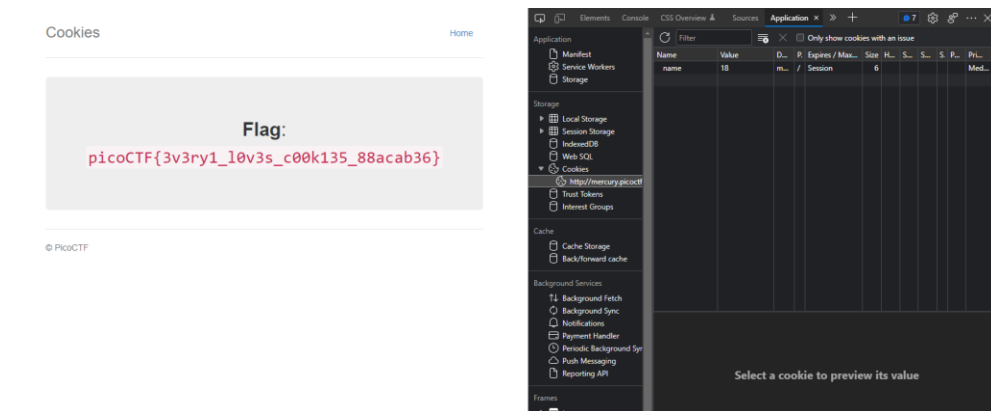
- After a few tries I tried 18 and it brought the flag 'picoCTF{3v3ry1_l0v3s_c00k135_88acab36}'
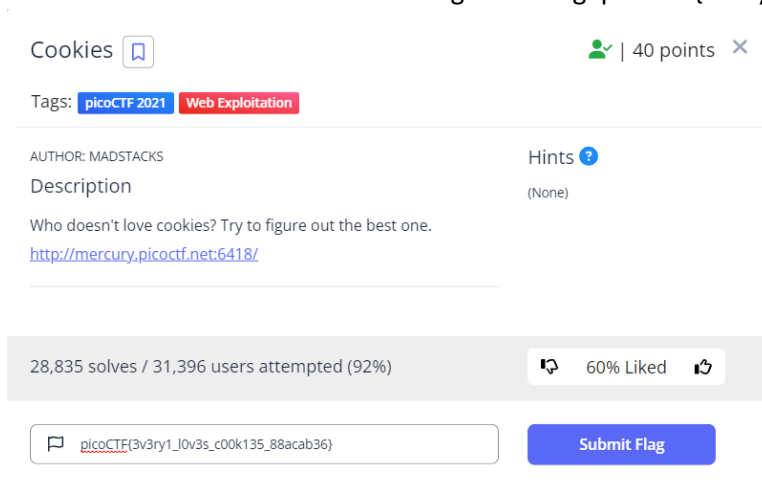
- Input the flag and get the points 👌