Chatbot Business Logic Flaw in OWASP Juice Shop

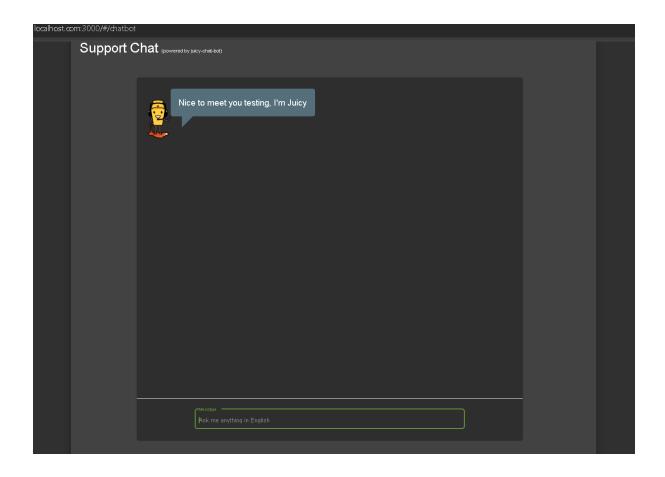
A chatbot business logic flaw occurs when a system's design fails to properly handle repeated or unexpected inputs, leading to unintended behaviours. For instance, in the OWASP Juice Shop Bully Chatbot challenge, persistent nagging tricks the chatbot into erroneously dispensing a coupon code.

First creating a python script to create a payload

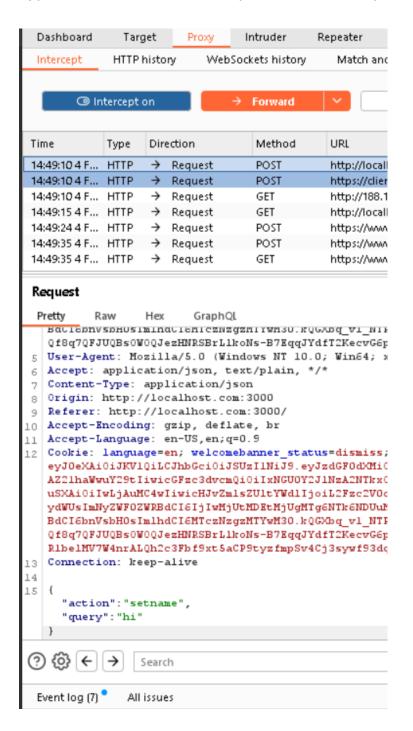
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with open('payload.txt','w') as file:
    for _ in range(10000):
        file.write('coupon\n')
```

This creates a payload.txt file containing the word coupon 10000 times

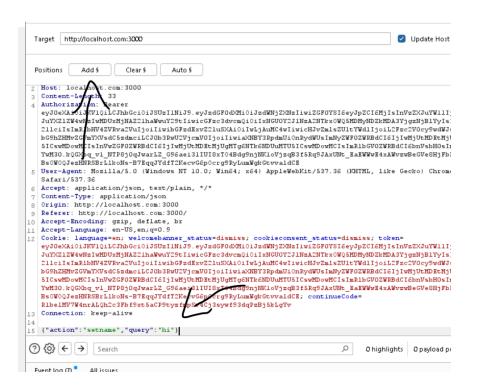
Go to the chatbot page



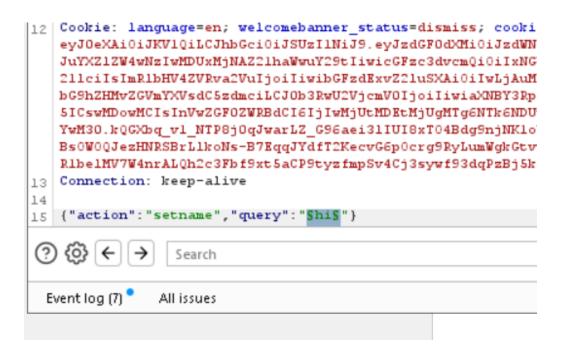
Type some text and use burp suite to intercept the request

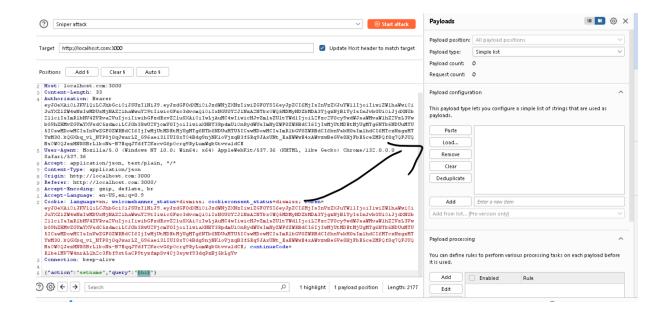


send the request to intruder

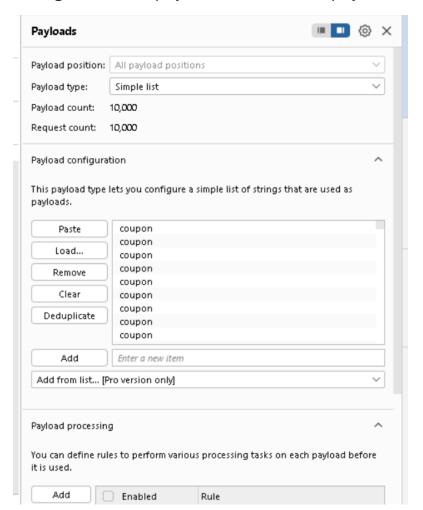


select your query and add the position

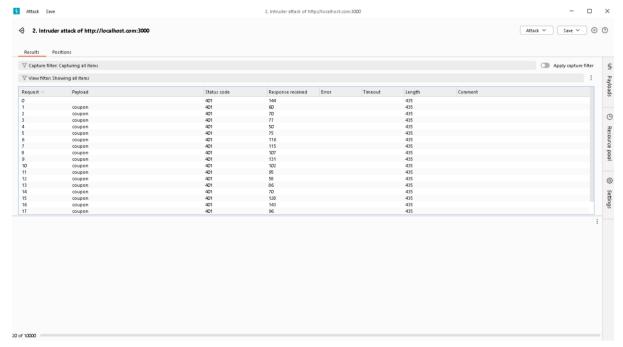




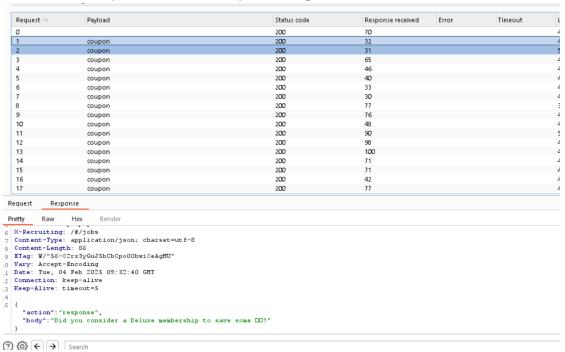
Now go to load in payloads and add the payload.txt file



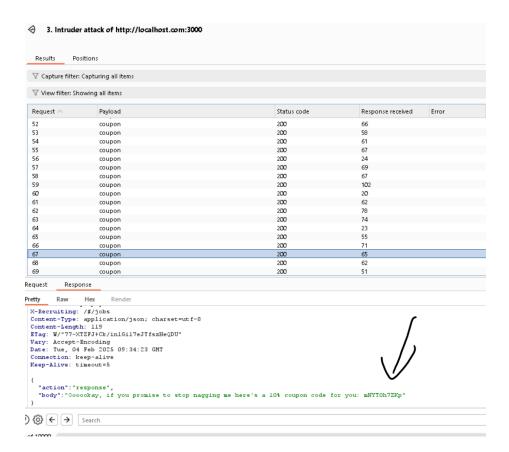
Click on start attack



check the response of each by clicking



check for multiple response



We got the coupon from chatbot

