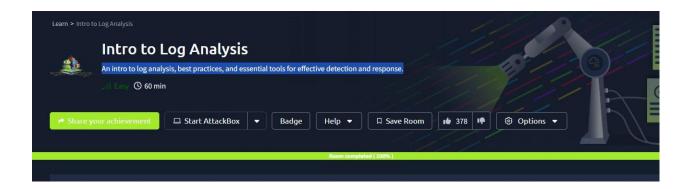
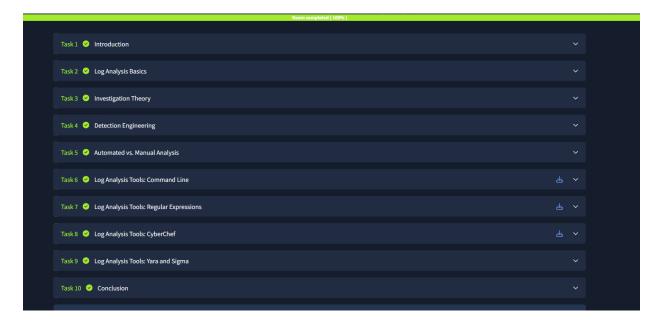
KEERTHANAA K 231901023

## EXERCISE 14 LOG ANALYSIS FOR DETECTION AND RESPONSE

**Aim:** To understand log analysis, implement best practices, and use essential tools for efficient threat detection and incident response.







Locate the "loganalysis.zip" file under /root/Rooms/introloganalysis/task8 and extract the contents.	
No answer needed	✓ Correct Answer
Upload the log file named "access.log" to CyberChef. Use regex to list all of the IP addresses. What is the full IP address beginning in 212?	
212.14.17.145	✓ Correct Answer
Using the same log file from Question #2, a request was made that is encoded in base64. What is the decoded value?	
THM{CYBERCHEF_WIZARD}	✓ Correct Answer
Using CyberChef, decode the file named "encodedflag.txt" and use regex to extract by MAC address. What is the extracted value?	
08-2E-9A-4B-7F-61	✓ Correct Answer



**Result:** Gained insights into analyzing logs effectively, applying best practices, and leveraging tools to detect and respond to security events.