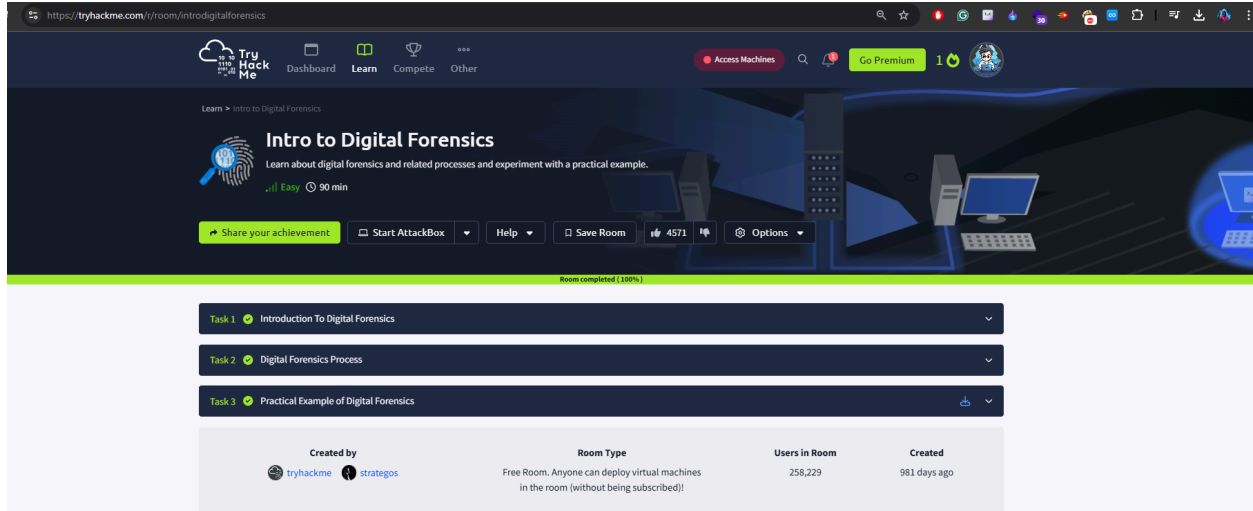


Internship Assignment Cyber Security and Digital Forensics

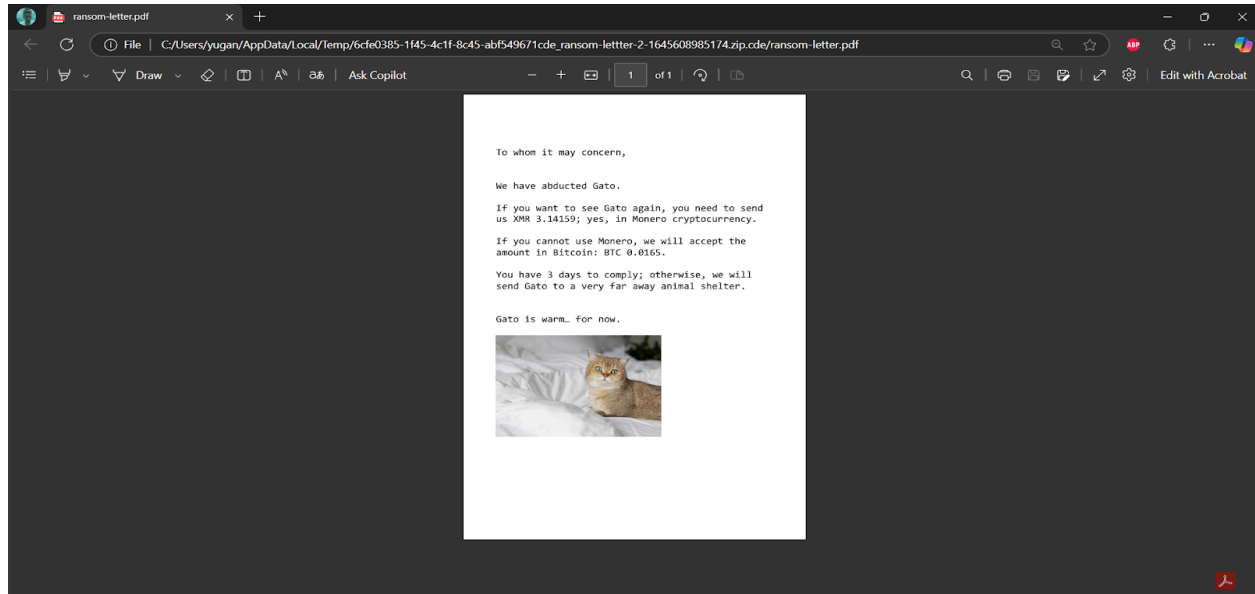
Assignment 15- Digital Forensics

My approach:

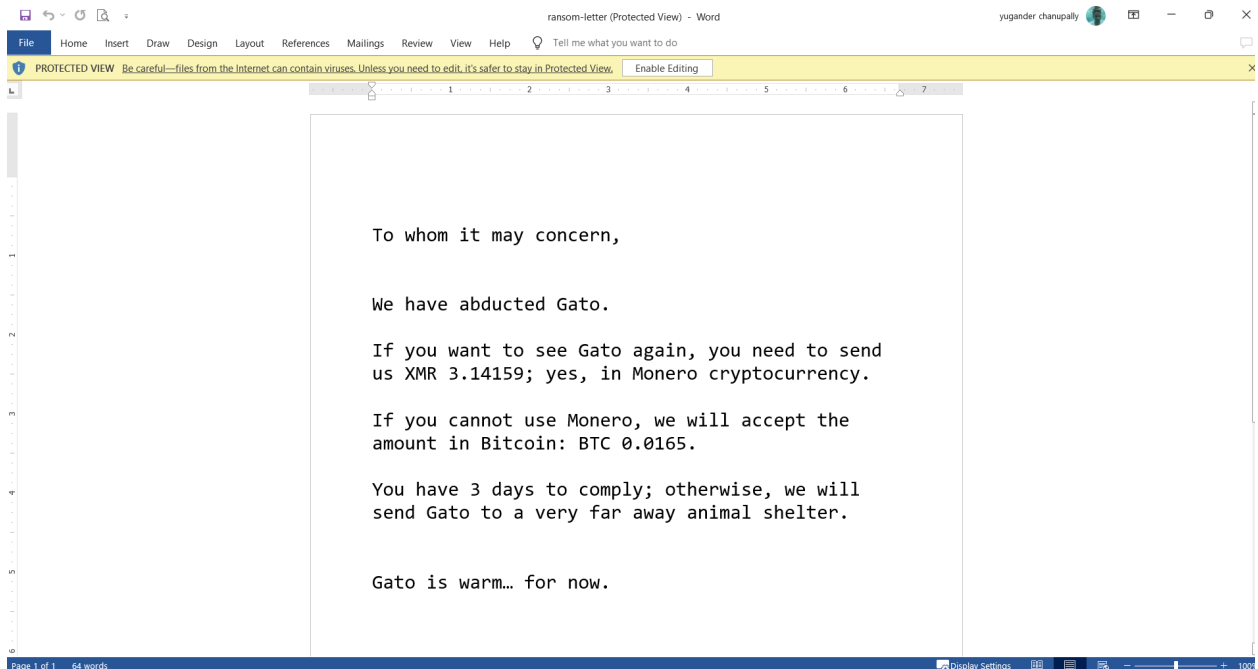
The Digital Forensics room was an exciting journey that started with analyzing a ransom note and an attached image to uncover vital clues. I began by navigating to the case files on the AttackBox and exploring their metadata. Using tools like **pdfinfo**, I extracted details from the PDF ransom note, which revealed the author's name and the document's creation information. Next, I analyzed the image file with **Exiftool** to uncover GPS coordinates. These coordinates led me to the exact location where the photo was taken, tying all the clues together to solve the mystery.



Pdf: (Ransom-Letter)



Word doc:(Ransom-Letter)



What I Learned

This experience taught me how to use metadata effectively in digital investigations. I gained hands-on knowledge of tools like **pdftinfo** and **exiftool** for extracting hidden information from files and images. It was fascinating to see how even small digital artifacts can provide critical evidence, showcasing the importance of digital forensics in solving real-world cases.