

Course Assignment

OSINT Course by Cyber Secured India & MKITOS

Assignment 1: Intro to OSINT

❖ Assignment Overview

Your assignment involves completing an introductory OSINT module, solving one lab from Sofia Santos' OSINT exercises, and playing Sourcing Game 1. These activities will help you build a strong foundation in Open Source Intelligence, practice real-world investigation skills, and understand how to record findings with clear evidence.

❖ Steps to Follow

1. Module Completion (Intro to OSINT)

- Access the OSINT training module at:
<https://freeosint.github.io/pages/training.html?module=intro-to-osint>
- Read through all the sections carefully.
- Note down 3–4 key ideas (e.g., definition of OSINT, why timestamps matter, examples of open sources).
- Take 1–3 screenshots of completed sections. Each screenshot must include the system date and time.

2. Practical Lab (Sofia Santos)

- Choose any one lab from the OSINT exercises collection:
<https://gralhix.com/list-of-osint-exercises/>
- Record the lab name and objective (1 sentence).
- Plan your approach in 3–5 short bullets (search queries, WHOIS lookup, reverse image search, social media checks, etc.).
- For each step:
 - Write what you did (short line).
 - Insert a screenshot with timestamp.
 - Add a 1-line finding or observation.

3. OSINT Game (Sourcing Game 1)

- Go to <https://sourcing.games/game-1>.
- Play Game 1, screenshot your start and end time.
- Game 1 includes multiple levels. Complete them all.
- Capture a screenshot of your final score/result page with system time visible.
- Write 3–4 lines about your approach (clues used, what worked, challenges faced).

4. Reflection (Short Write-Up)

Write a short paragraph (5–6 sentences) covering:

- Three main things you learned this week.
- One technique/tool you want to explore further.
- One challenge you faced and how you solved or attempted to solve it.
- How these skills will help you in future OSINT tasks.

5. Assignment Solving:

Create a single pdf file less than 10 MB which will include all screenshots of the above assignment with date and timestamp of the system, along with a written explanation of your findings.

6. Submission:

Submit the pdf file in the respective Challenge section by the deadline of **13th September, 2025 10:30pm IST**.

Important Notes:

- Ensure the screenshots are clear and legible.
- Follow the above instructions.
- Late submissions will not be accepted strictly.

This assignment is designed to help you apply theoretical knowledge in a practical environment. If you face any difficulties or have questions, feel free to reach out for assistance.

Good luck, and we look forward to reviewing your completed assignment!

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Assignment 1: Intro to OSINT

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1. Module Completion (Intro to OSINT)

What is OSINT?

Open Source Intelligence (OSINT) refers to the collection and analysis of information from publicly available sources to produce actionable intelligence. If the information is publicly available and legally accessible, it can be considered open source. This can include:

- Information published on websites, blogs, and social media
- Public government records and reports
- Academic papers and journals
- News media and press releases
- Commercial data and business information
- Geospatial information and mapping data

The screenshot shows a web browser window displaying the 'FreeOSINT.org' training module page. The browser's address bar shows the URL 'freeosint.github.io/pages/training.html?module=intro-t...'. The page has a blue header with the 'FreeOSINT.org' logo and navigation links: Home, Training, Resources, Get Active, About, and Curriculum. Below the header, there's a section titled 'methodologies.' followed by a 'Module Progress' section showing 'Section 1 of 12'. The main content area is titled 'What is OSINT?' and contains a paragraph explaining that OSINT is the collection and analysis of information from publicly available sources to produce actionable intelligence. It also includes an 'Important' note stating that OSINT is defined by the source of the information, not the method of collection, and that it can be considered open source if the information is publicly available and legally accessible. The page is viewed on a Windows 10 desktop, with the taskbar visible at the bottom showing the time as 7:25 PM on 9/13/2025.

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methodologies.

Module Progress | Section 1 of 12

What is OSINT?

Open Source Intelligence (OSINT) refers to the collection and analysis of information from publicly available sources to produce actionable intelligence. Despite the term 'intelligence' often being associated with government or military activities, OSINT is used across many fields including journalism, business intelligence, cybersecurity, and academic research.

Important: OSINT is defined by the source of the information, not the method of collection. If the information is publicly available and legally accessible, it can be considered open source.

The key characteristic of OSINT is that it relies solely on information that is legally accessible to the public without breaching privacy laws or confidentiality. This can include:

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Introduction to OSINT

Beginner 45 minutes

Learn the fundamentals of Open Source Intelligence, including key concepts, tools, and methodologies.

Module Progress Section 10 of 12

OSINT Tool Selection

Quiz: OSINT Tool Selection

Which tool category would be most appropriate for determining when a website was last updated and viewing its historical versions?

☒ Web Archiving Tools

☐ Social Media Analysis Tools

Type here to search

ENG 7:40 PM 9/13/2025

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Introduction to OSINT

Beginner 45 minutes

Learn the fundamentals of Open Source Intelligence, including key concepts, tools, and methodologies.

Module Progress Section 12 of 12

Conclusion

Congratulations on completing the Introduction to OSINT module! You've learned the fundamental concepts, ethical considerations, and basic tools used in Open Source Intelligence.

Important: Key Takeaways

- OSINT involves collecting and analyzing publicly available information
- The OSINT cycle provides a structured approach to intelligence gathering
- Ethical and legal considerations are essential in OSINT practice
- Various tools and techniques can enhance OSINT investigations
- Critical thinking and analytical skills are as important as technical tools

Type here to search

ENG 7:47 PM 9/13/2025

Why timestamps matter?

Timestamps are crucial in OSINT for verifying the authenticity and timing of information. They help build accurate event timelines, detect misinformation, and support geolocation analysis. Analysts use them to cross-check data across sources and ensure credibility. Timestamps are especially important in legal, military, and investigative contexts.

Examples of Open Sources with Timestamps:

- **Social media:** Twitter, YouTube, Facebook
- **Archives:** Wayback Machine
- **Forums:** Reddit
- **Web tools:** WHOIS records, GitHub

2. Practical Lab (Sofia Santos)

Lab name: Exercise #003!

Objective: In April 2017 Mohamed Abdullahi Farmaajo, the then president of Somalia, visited Turkey. A news agency published a photo where he was seen shaking hands with Recep Tayyip Erdoğan, the country's president. The article did not disclose where the photo was taken. **Your task is to find out the name and coordinates of the location seen below.**

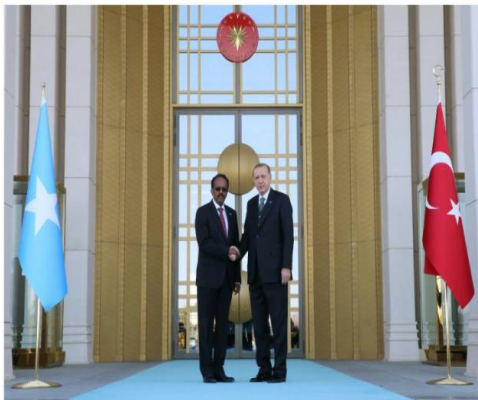
Exercise level:

For beginners: Medium

For experts: Easy

Somalia President makes first international state visit to Turkey

By - April 27, 2017



The photo of Mohamed Abdullahi Farmaajo shaking hands with President Erdoğan was taken at the Presidential Complex (Cumhurbaşkanlığı Külliyesi) in **Ankara, Turkey**.

The coordinates of the location are approximately:

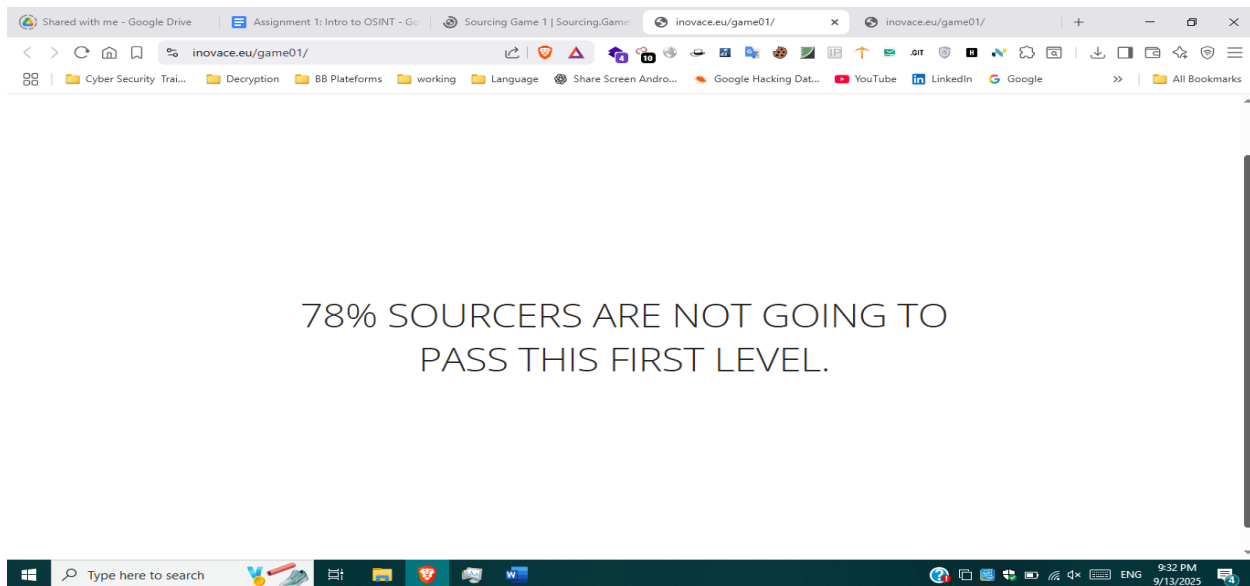
39.9308° N, 32.7989° E

How to Approach:

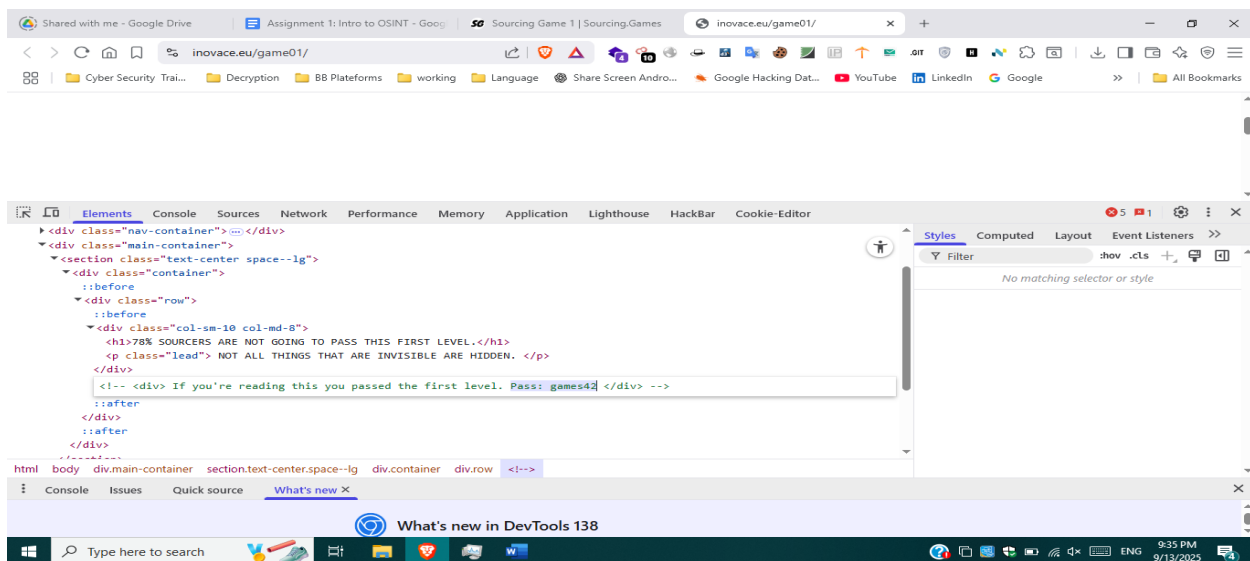
- Search for "**April 2017 Farmaajo Erdoğan meeting**" online.
- Find images from Search(**Google Reverse Image**).
- Identify and compare the background architecture and décor as shown in the image.
- Match it to the **Presidential Complex in Ankara, Turkey**.
- Coordinates: **39.9308° N, 32.7989° E** confirm in Google Maps

3. OSINT Game (Sourcing Game 1)

Game 1 →



Ans → Password shown when view the source page → **Pass: games42**



Game 2 → Pass: boyce (find google reverse image and find his name Todd Boyce)

In this game, use Open-Source Intelligence (OSINT) techniques to find passwords. Each level presents a password **example** and a **hint**. By analyzing the hint and example, I figure out the pattern and use publicly available information (OSINT) to discover the correct password. It's a puzzle-solving challenge that combines logic and investigation skills.

Note: I will upload the remaining game levels to my GitHub account and share the profile link in the upcoming assignments.