CoGrammar

Welcome to this session:

Task 6 - Handling Strings, Lists and Dictionaries

The session will start shortly...

Questions? Drop them in the chat. We'll have dedicated moderators answering questions.



Cyber Security Session Housekeeping

- The use of disrespectful language is prohibited in the questions, this is a supportive, learning environment for all - please engage accordingly. (Fundamental British
 Values: Mutual Respect and Tolerance)
- No question is daft or silly ask them!
- There are Q&A sessions midway and at the end of the session, should you wish to ask
 any follow-up questions. Moderators are going to be answering questions as the
 session progresses as well.
- If you have any questions outside of this lecture, or that are not answered during this lecture, please do submit these for upcoming Academic Sessions. You can submit these questions here: <u>Questions</u>



Cyber Security Session Housekeeping

- For all non-academic questions, please submit a query:
 www.hyperiondev.com/support
- Report a safeguarding incident: <u>www.hyperiondev.com/safeguardreporting</u>
- We would love your feedback on lectures: Feedback on Lectures
- If you are hearing impaired, please kindly use your computer's function through Google Chrome to enable captions.



Safeguarding & Welfare

We are committed to all our students and staff feeling safe and happy; we want to make sure there is always someone you can turn to if you are worried about anything.

If you are feeling upset or unsafe, are worried about a friend, student or family member, or you feel like something isn't right, speak to our safeguarding team:



lan Wyles Designated Safeguarding Lead



Simone Botes

Nurhaan Snyman



Rafiq Manan



Ronald Munodawafa



Charlotte Witcher



Scan to report a safeguarding concern



or email the Designated
Safeguarding Lead:
lan Wyles
safeguarding@hyperiondev.com



Stay Safe Series:

Mastering Online Safety One week at a Time

While the digital world can be a wonderful place to make education and learning accessible to all, it is unfortunately also a space where harmful threats like online radicalization, extremist propaganda, phishing scams, online blackmail and hackers can flourish.

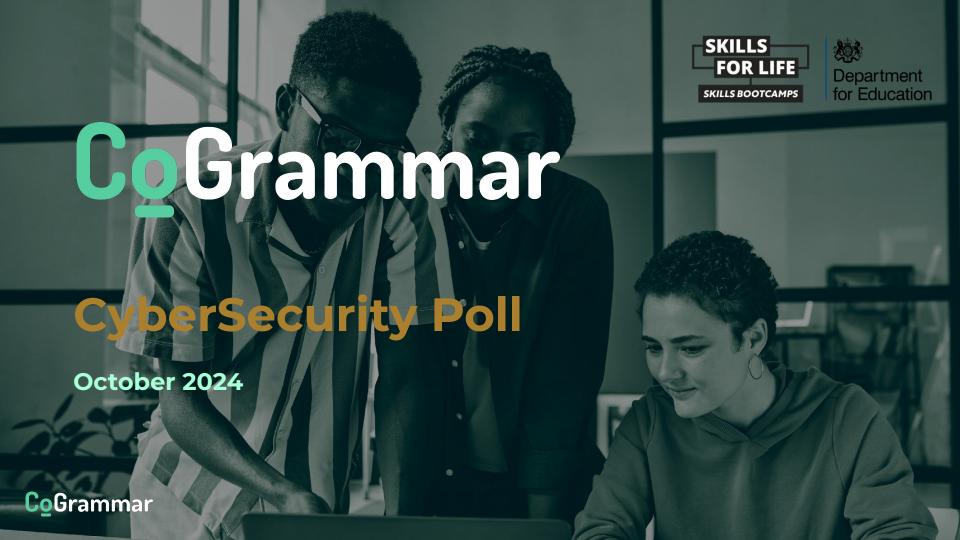
As a component of this BootCamp the *Stay Safe Series* will guide you through essential measures in order to protect yourself & your community from online dangers, whether they target your privacy, personal information or even attempt to manipulate your beliefs.



Trustworthy Websites: How to Spot Secure Sites

- 1. **Check for HTTPS:** Always ensure the website's URL starts with "https," indicating a secure connection.
- 2. **Look for typos:** Unsafe sites often have misspelled URLs or awkward domain names.
- 3. **Pop-ups galore:** Excessive pop-ups and ads can signal a suspicious website.
- 4. **No padlock icon:** If there's no padlock next to the URL in the browser, the site may not be secure.





Learning Objectives

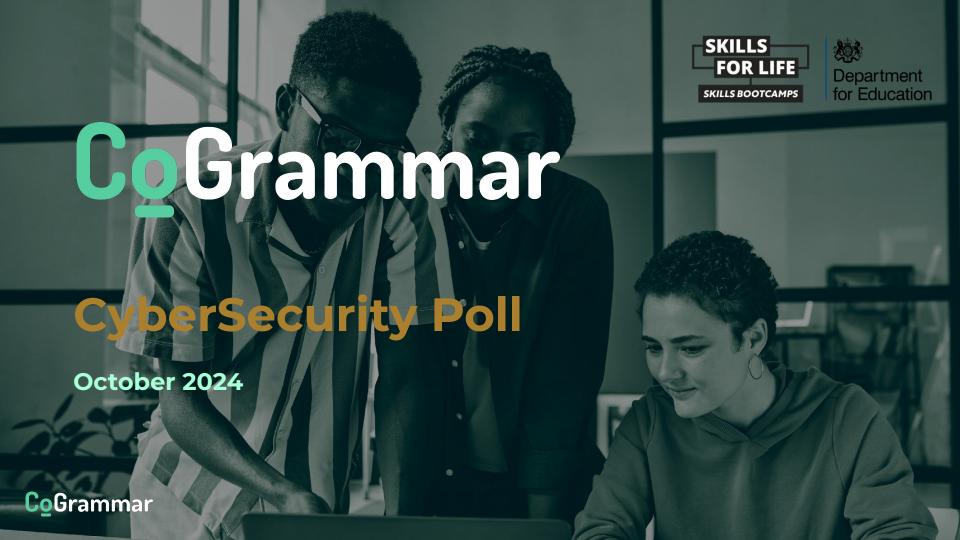
- Identify and explain basic string manipulation methods in Python (e.g., upper(), split(), replace()).
- Apply string methods to modify and transform text, such as converting alternating characters to uppercase and lowercase.
- Construct and manipulate lists and dictionaries to represent real-world data.



Overview of Tasks

- Task 1: Write a program that reads in a string and makes each alternate character into an uppercase character and each other alternate character a lowercase character.
- Task 2: Next, calculate the worth of the total_stock in the café. You will need to remember to loop through the appropriate dictionaries and lists to do this.





Questions and Answers





Thank you for attending







