



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: **Questions**

Cyber Security Session Housekeeping

- For all **non-academic questions**, please submit a query:
www.hyperiondev.com/support
- **Report a safeguarding incident:** **www.hyperiondev.com/safeguardreporting**
- 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:



Ian Wyles
Designated Safeguarding
Lead



Simone Botes



Rafiq Manan



Charlotte Witcher



Nurhaan Snyman



Ronald Munodawafa



Tevin Pitts

Scan to report a
safeguarding concern



or email the Designated
Safeguarding Lead:
Ian 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.

CoGrammar

CyberSecurity Poll

October 2024

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.

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CyberSecurity Poll

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Questions and Answers



Thank you for attending



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for Education