



Welcome to this session: Task 4 - Iteration

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
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or email the Designated
Safeguarding Lead:
Ian Wyles

safeguarding@hyperiondev.com

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Learning Objectives

- Recall the syntax for creating a while loop and a for loop in Python.
- Explain the difference between a while loop and a for loop.
- Implement a while loop to continuously prompt the user for input until a specific value is entered.
- Use a for loop in combination with an if-else statement to generate a specific pattern of output.
- Justify the use of a while loop versus a for loop in various scenarios.

Overview of Tasks

- Task 1: Write a program that continuously prompts the user for a number and calculates the average of valid entries.
- Task 2: Create a pattern using a loop and if-else statements.

**SKILLS
FOR LIFE**
SKILLS BOOTCAMPS



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Questions and Answers



Thank you for attending



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