



Welcome to this CoGrammar

Unit Testing and Modules

QnA :

The session will start shortly...

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



Software Engineering 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** throughout this session, should you wish to ask any follow-up questions.
- 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](#)

Software Engineering Session Housekeeping cont.

- 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



Nurhaan Snyman



Rafiq Manan



Ronald Munodawafa



Tevin Pitts

Scan to report a
safeguarding concern



or email the Designated
Safeguarding Lead:
Ian Wyles

safeguarding@hyperiondev.com

A background image showing three people in a professional setting. A man with glasses and a striped shirt is pointing at a laptop screen. A woman with braided hair stands behind him, looking at the screen. Another woman is seated in the foreground, looking down at the laptop. The image is dark and serves as a background for the text and logos.

**SKILLS
FOR LIFE**

SKILLS BOOTCAMPS



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CoGrammar Unit Testing and Modules

Agenda: Unit Testing and Modules - Basic Calculator



Basic Calculator

1. Virtual Environment
2. Modules
3. PEP 8 and PEP 484
4. pip and requirements file
5. Unit Testing

Break: 10 Minutes

Notes: Your questions take precedence

Resource

- [PEP 8 – Style Guide for Python Code](#)
- [PEP 484 – Type Hints | `peps.python.org`](#)
- [6. Modules — Python 3.13.2 documentation](#)
- [unittest — Unit testing framework — Python 3.13.2 documentation](#)
- [Genepy — Python Exercises](#)

Questions and Answers



Thank you for attending



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