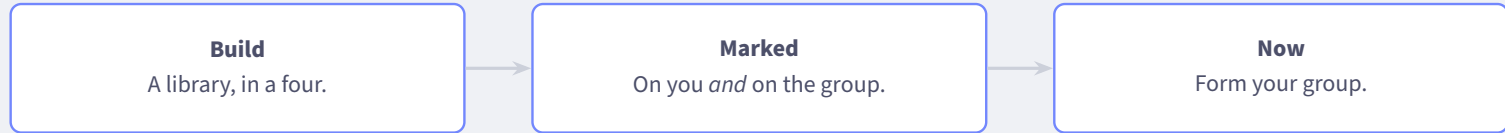


What is coming with group work

The group project, in twenty minutes



Group work

60% of your mark from **Week 4**

A **Python library** for a mathematical problem of your choice, built in a group of **four**.

Of your choice, and you do not have to choose it alone. Come and talk to me about it.

Paper

main.tex
main.pdf
references.bib

Software

<library>.py
test_<library>.py
README.md

Record

presentation.mp4
contribution.md

All of them are graded.

$$\text{Final mark} = \sqrt{I \times Q}$$

I

Q

What goes in each one?

The group's mark

$$Q = 74$$
$$\sqrt{I \times Q}$$

Student	I	Final mark
A	100	<input type="text"/>
B	80	<input type="text"/>
C	80	<input type="text"/>
D	20	<input type="text"/>

The group did well. What happens to D?



Your group hands in **one form, every group-project week.**

It is the **only** record of who engaged.

Recorded as engaged at 3 of the 5? $I =$

Weeks 4 and 5

Variables, conditionals
and while loops

Functions and data structures

Object oriented programming

Using a terminal and an editor

Weeks 8, 9 and 10

Modularisation of code

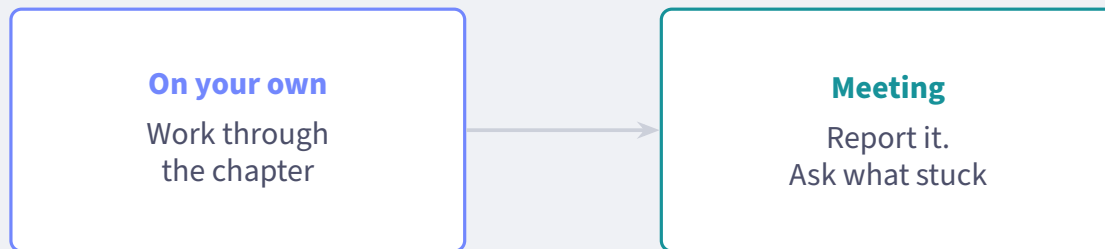
Documentation of code

Testing of code

There is no lecture on any of these. So who teaches them to you?

Self study, with a social component.

You read the chapter **on your own**.
You do not understand it **on your own**.



The reading is homework.

The meeting is **timetabled**, every group-project week.

The project itself you build around these, on your own or together in a workshop. That part is your call, and it is not the meeting.

Groups of **four**, and **you choose**.

Not registered by the deadline?

Assigned at random.

1. Form your group of four and register it.
2. Read the Assessment page.
3. Open one worked example project.
4. **Email me to talk through a topic:** knightva@cardiff.ac.uk

Your group meets every group-project week, in your own slot.

Print the week's minutes form, complete it at the meeting, and bring it to the next class session. Five forms, and *I* is counted from them.