

Paper 2

Application of Computational Thinking

Paper code: 1CP2/02

✓ 75 marks

🕒 **Practical onscreen examination: 2 hours**

⚖️ 50% of the qualification

Content overview

This paper will assess Topic 6: Problem solving with programming.

The main focus of this paper is:

- ✓ understanding what algorithms are, what they are used for and how they work in relation to creating programs
- ✓ understanding how to decompose and analyse problems
- ✓ ability to read, write, refine and evaluate programs.

Assessment overview

This paper is practical in nature and requires students to design, write, test and refine programs in order to solve problems.

Students will complete this assessment onscreen using their Integrated Development Environment (IDE) of choice.

They will be provided with:

- ✓ coding files
- ✓ Assessment Reference Language (ARL) – as an insert in the question paper and an electronic version.
- ✓ a hard copy of the question paper

Students should then answer the six compulsory questions onscreen using Python 3.