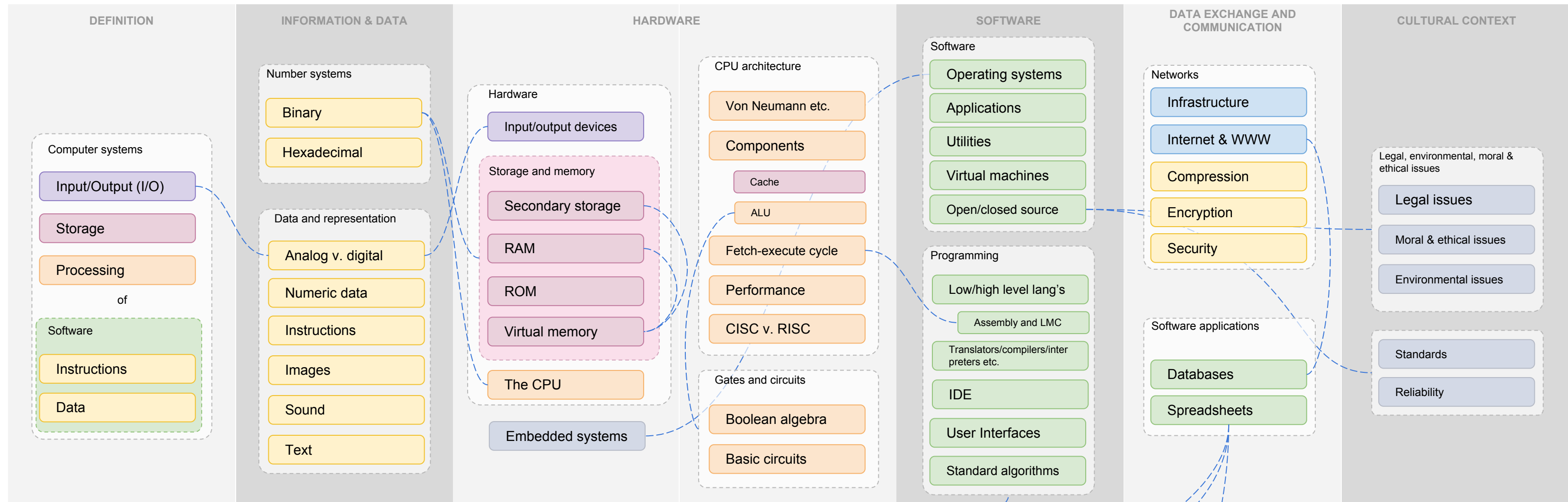
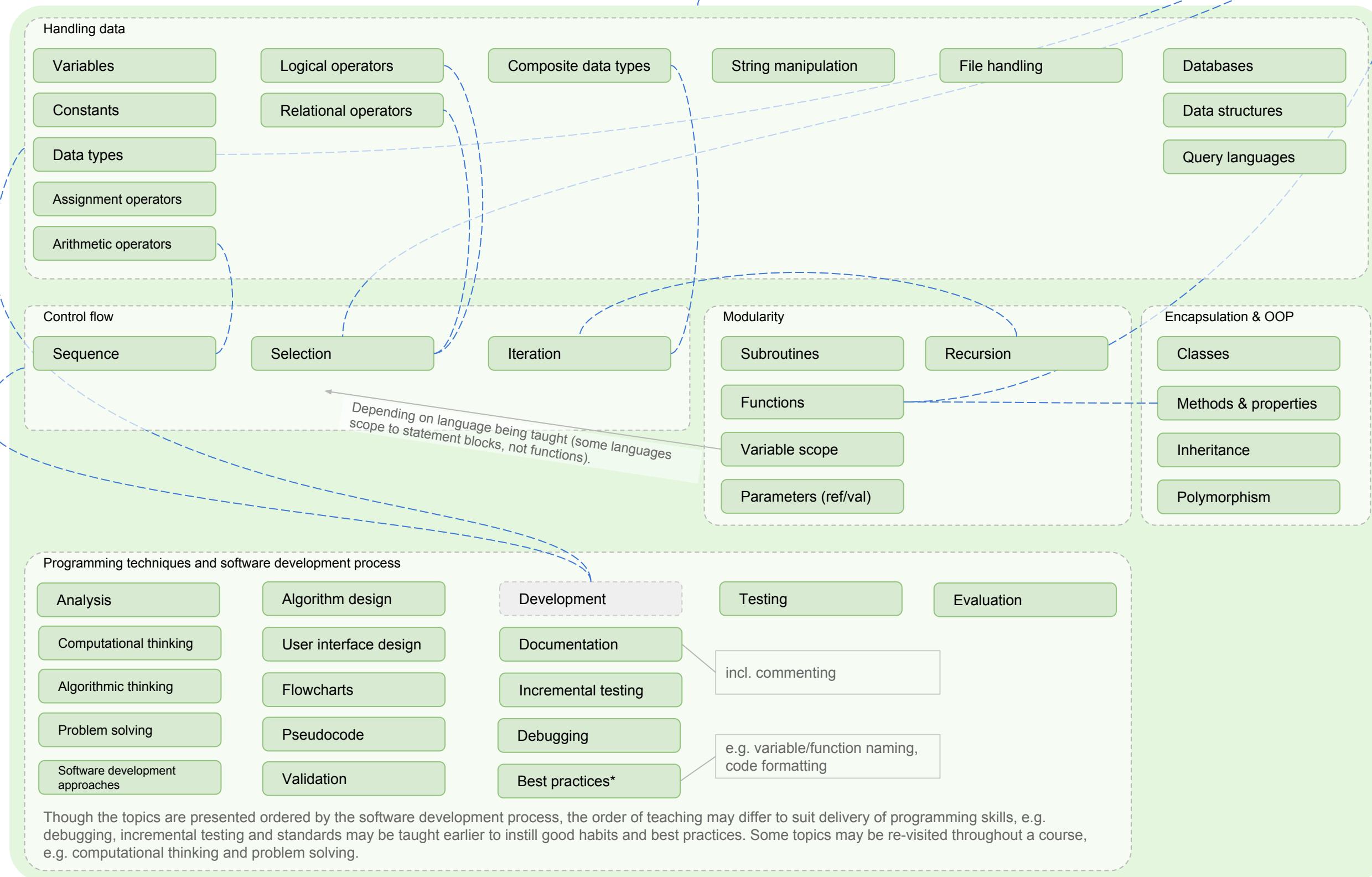


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NOTES

The purpose of this document is to present key computing and computer science topics in such a way as make the relationships and links between concepts, knowledge and skills more clear. It is intended as a planning and teaching aid, particularly to help with:

- providing context for distinct units of work
- making clear how the content forms part of a cohesive whole
- linking topics to prior learning
- suggesting opportunities for re-visiting prior learning
- answering the question "why do I need to know this?".

By virtue of being organised to show logical relationships and a progression of complexity or abstraction, the document also suggests a possible order of content delivery (i.e. scheme of work).

Though not exhaustive, the document aims to cover most of the high level concepts in the UK KS3-5 curricula. Teachers will need to select what is relevant to the qualification and exam board being taught.

Colour designates explicit links between topics. Blue dashed lines designate implicit links. These are not exhaustive and are intended as examples only. Clarity is favoured over completeness.

Detail within key topics is only added when necessary to show explicit or implicit relationships between topics. e.g. components of the CPU.

SOURCES

Clarkson, M. (2013). GCSE Computing: The Unofficial Teacher's Guide. [e-book] Cambridge, UK: OCR. Available at: <http://www.ocr.org.uk/Images/139051-the-unofficial-teacher-s-guide-for-gcse-computing.pdf> [Accessed 5 August 2016]

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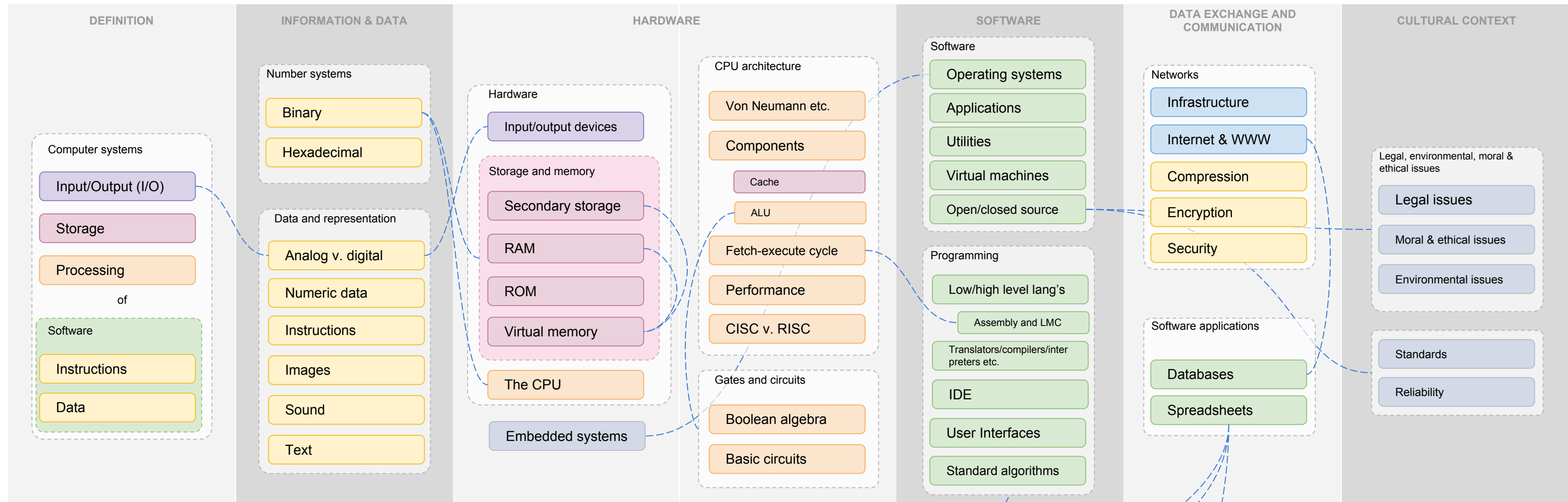
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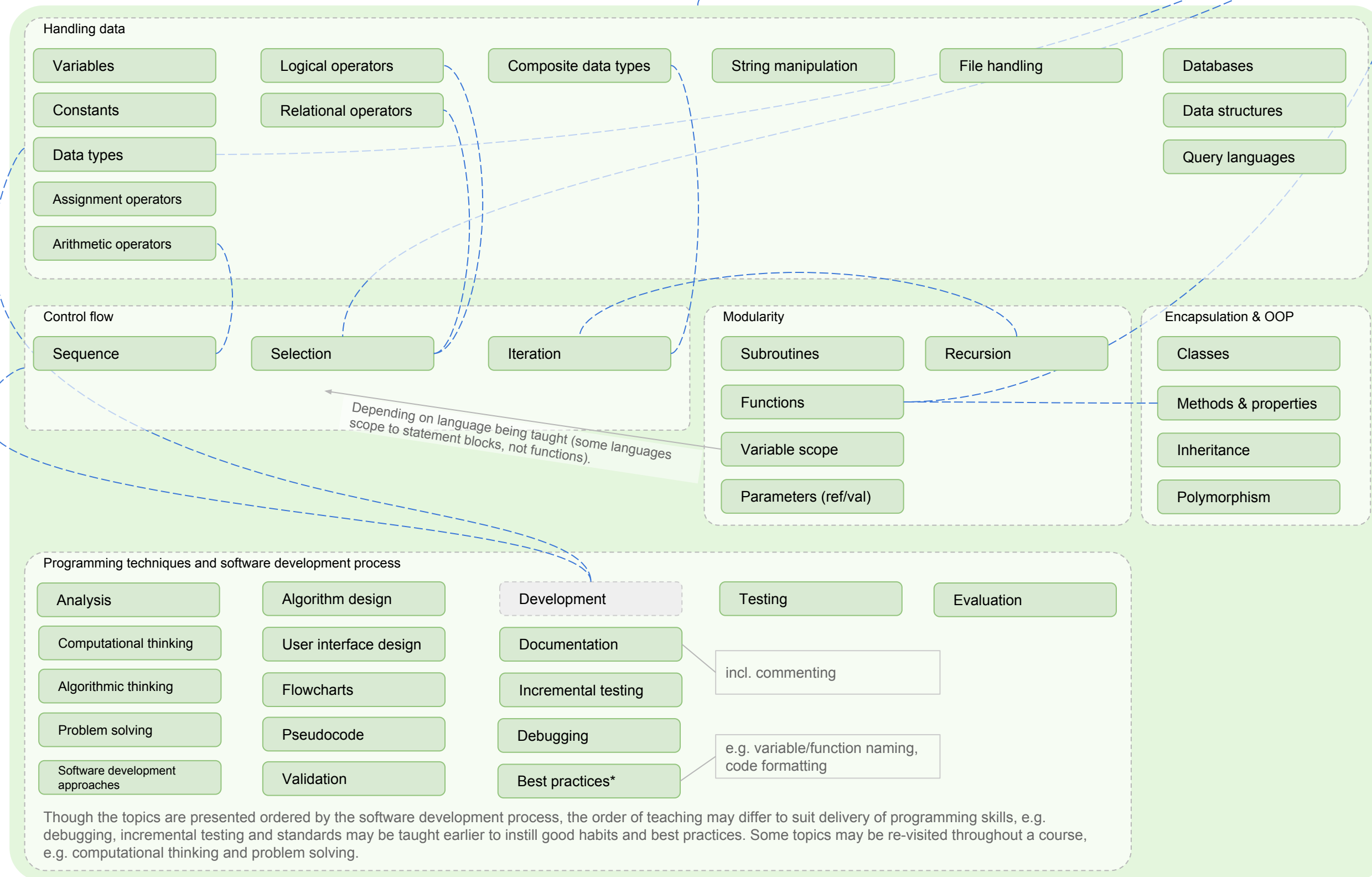
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