	I can explain what a code generator is and why they're useful
	I can define an algorithm
	I can write pseudocode to write out the logic of an algorithm
	I can explain the characteristics of and use the following programming fundamentals to create simple programs:  o Data types
	<ul> <li>Text: string, character,</li> </ul>
	<ul> <li>Numeric: int, float</li> </ul>
	■ Boolean
	o Data structures
	<ul> <li>One-dimensional arrays</li> </ul>
	■ Lists
	<ul><li>Records (varying data types, field index)</li></ul>
	I know the characteristics of functional and non-functional requirements, constraints, and scope
	I can use the following design tools to represent an algorithm/program/piece of functionality
	o Mock-ups
	<ul> <li>Input-process-output (IPO) charts</li> </ul>
	<ul> <li>Flowcharts/pseudocode</li> </ul>
	I can describe key legal requirements relating to intellectual property and copyright, such as licensing, code plagiarism, and code theft
	I can explain and implement the following principles of Object-Oriented Programming:
	<ul> <li>Abstraction</li> </ul>
	o Encapsulation
	I know and can use the key features of python, such as variables, accessing/storing data in variables, iteration, arithmetic and logic operators functions, methods and procedures
	I can explain and use naming conventions, e.g. camel casing or Hungarian notation
	I understand and can implement documentation such as comments
	I know and can describe the following validation techniques for data:
	Existence checking
	o Type checking
	o Range checking
	I can utilise debugging and testing techniques for checking software solutions function correctly, such as:
	o Test tables
	o Breakpoints
	<ul> <li>Debugging output statements</li> </ul>