Topic 11: Programming

Keyword sheet - Cambridge AS & A Level Computer Science 9618. Tick each term once you can define it from memory.

Keyword	Definition	Know it?
Declaration	Statement defining a variable's identifier and data type.	
Assignment	Storing a value in a variable.	
Operators	Arithmetic (+ - * / DIV MOD), relational (= <> < >), logical (AND OR NOT).	
Selection	IF...THEN...ELSE and CASE...OF.	
Iteration	FOR...NEXT, WHILE...ENDWHILE, REPEAT...UNTIL.	
Nested structures	Control structures placed within one another.	
String handling functions	LEFT, RIGHT, MID, LENGTH, UCASE, LCASE, concatenation.	
Procedures / functions	Subroutines without / with a return value.	
Pass by value / by reference	Copy of the argument is passed / address is passed so the original can be changed.	
Scope	Region of the program where an identifier is accessible.	
Array / record / file handling	Structured data storage and persistent storage in text files.	
Library routine	Pre-written subroutine available for reuse.	
Good practice	Meaningful identifiers, indentation, comments and consistent naming conventions.	