GCSE Computer Science	SEQUENCE : Instructions are followed, one after the other in the order they are written.		int() float(t() Converts to an integer at() Converts into a real number		
Topic 2.2 Programming (1)	SELECTION: Used in algorithms or programs to choose between two or more options. Selection usually uses a combination of IF, ELSE and ELSE-IF statements.		bool(nverts into Boolean	
Variables and constants are used to store values in			ASC()	ASC() Converts into ASCII code		
algorithms and programs.			CHR(Conve	erts into ASCII character	
Variables' values can change while a program is running.	 IF/ ELSE statements are used when there are only 2 options. IF = OUESTION. followed by 	 Switch-case statements can also be used in selection; They are used when you want to perform different actions based on the value of a variable. 	Arithmetic operators: Characters			
Constants' values must not change while a program is running.	what to do if the answer is true.		that perform arithmetic functions.			
 Rules for naming variables/constants: Identifiers are the name of the variable or constant. They should 'describe' the data being stored. Short identifiers are quick/easy to write. Long identifiers are more descriptive. Identifiers cannot contain spaces must be consistent throughout the program. CamelCaseUsesUpperAndLowerCaseLetters Snake_case_links_all_the_words_with_an_underscore. 	 answer is False If there are more than 2 			+	Addition	
	options, ELSE-IF is used.			-	Subtraction	
	ITERATION : The process of repeating a set of instructions for a fixed number of times OR until there is a desired outcome. Iteration is carried out using a programming construct called 'loops'.			*	Multiplication	
				/	Division (decimal answer)	
				**	To the power of	
Operators are special characters that perform certain functions.	repeat code a fixed number of times.	loops are used when the number of iterations needed is not known. The code is iterated while or until a condition is met.	//	DIV	Division (integer answer)	
The assignment operator is = It is used to assign values to constants or variables.	known before the loop is started.		%	MOD	Divides and returns the remainder.	
Comparison operators compare the value or expression on their left hand side to the value or expression on the right hand side and produce a Boolean value (True or	DATA TYPE: A category or classification of data. Used to make programs more robust and memory efficient.					
False) INPUT: Data that is put into the algorithm or program by the user.	 INTEGER: A negative or positive WHOLE number. REAL: A negative or positive decimal number. CHARACTER: A SINGLE number, letter or symbol. STRING: A collection of characters enclosed in speech marks 					
TPUT: • BOOLEAN: True or False • BOOLEAN: True or False						
and displayed to the user.This is usually done using a print statement.	CASTING: A function which converts an item of data into a different data type.					

GCSE Computer Science - Topic 2.2 Programming (1)

What I need to know:
