iGCSE	Comp	uter	Science -	– Unit 1
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English Name:	Class	:
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Worksheet: Linear Search for a Value

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- 1a. Draw a *flowchart* that represents a *linear search* algorithm that will find a <u>specific value</u> in an array, then write the *pseudocode* for the flowchart as a *function* named linearSearch.
 - **Inputs**: the array (call it a), and the value to search for (call it value).
 - **Output**: the *index* in the array where the value is found; or a value of -1 if the value is not found in the array.

is not round in the array.
Important: in pseudocode (as well as programming languages), if the flow of the program
encounters a RETURN statement, the function will exit from that point and not continue to
run any code after that line.