

**Worksheet: Binary Search Flowchart and Pseudocode**

1. Draw a **flowchart subprocess** that represents the **binary search** algorithm that will find a specific value in a **sorted** array, then write the **pseudocode** for the flowchart as a **function** named **binarySearch**.

- **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.

Use proper indentation!