

Review Questions 03

Topic: Array Algorithms Analysis

1. The elements of an array are related by the fact that they have the same _____ and _____.
2. The process of placing the elements of an array in order is called _____ the array.
3. Determining if an array contains a certain value is called _____ the array.
4. True or False: An array index should normally be of data type **float**. _____
5. Consider the array data set below. Use binary search to work out (step-by-step) the search process for values 123 and 76, respectively.

14	43	76	100	115	290	400	511
a[0]	a[1]	a[2]	a[3]	a[4]	a[5]	a[6]	a[7]