

Anna Dubé

00091750

adube@my.athens.edu

Assignment 06

3. This algorithm is searching the array to determine if any of the elements are duplicated. When it finds two elements that are equal, it stops searching.

Big-O: $O(n^4)$

arrSize = the size of the array.

sizeX = 20

$O(\text{arrSize}^2 * \text{sizeX}^2)$