



**ACADGILD**

# SESSION 6: THREADS AND ARRAYS

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## Assignment 4

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## **1. Introduction**

This assignment will test your knowledge on Arrays.

## **2. Objective**

This assignment will help you to master the following concepts:

- Arrays
- Searching using Binary Search Algorithm

## **3. Prerequisites**

Not applicable.

## **4. Associated Data Files**

Not applicable.

## **5. Problem Statement**

Write a program to search an element in one-dimensional array using Binary Search Algorithm.

## **6. Expected Output**

Display a message stating whether element found in array or not. Also display the index position of the element if found.

## **7. Approximate Time to Complete Task**

30 min