**Name: VYSHNAV SURESH**

**Roll No:56**

**Batch:MCA-B**

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**OBJECT ORIENTED PROGRAMMING LAB**

**Experiment No.: 7**

**Aim**

Search an element in an array.

**Procedure**

import java.util.\*;

import java.lang.\*;

public class CO22 {

static Scanner s = new Scanner(System.in);

public static void main(String args[]) {

int a, b;

int[] A = new int[10];

Scanner s = new Scanner(System.in);

System.out.println("enter the number of elements");

a = s.nextInt();

System.out.println("enter the data into array");

inputdata(a, A);

System.out.println("Array Search");

System.out.println("Enter the element you want to search");

b = s.nextInt();

search(a, b, A);

}

public static void inputdata(int a, int[] A) {

for (int i = 0; i < a; i++) {

A[i] = s.nextInt();

}

}

public static void search(int a, int b, int[] A) {

int f = 0;

for (int i = 0; i < a; i++) {

if (A[i] == b) {

f++;

}

}

if (f == 0)

System.out.print("Element is not found in the array");

else

System.out.print("Element is found in the array");

}

}

**Output Screenshot**

