

OBJECT ORIENTED PROGRAMMING LAB**Experiment No: 5****Aim**

Search an element in an array.

Procedure

```
import java.util.Scanner;
```

```
class LSearch
```

```
{  
    public static void main(String args[])  
    {  
        int c, n, search, array[];
```

```
        Scanner in = new Scanner(System.in);  
        System.out.println("Enter number of elements");  
        n = in.nextInt();  
        array = new int[n];
```

```
        System.out.println("Enter those " + n + " elements");
```

```
        for (c = 0; c < n; c++)  
            array[c] = in.nextInt();
```

```
        System.out.println("Enter value to find");  
        search = in.nextInt();
```

```
        for (c = 0; c < n; c++)  
        {  
            if (array[c] == search)  
            {  
                System.out.println(search + " is present at location " + (c + 1) + ".");  
                break;  
            }  
        }  
        if (c == n)  
            System.out.println(search + " isn't present in array.");  
    }  
}
```

Name: Manya Madhu

Roll No: 17

Batch: S2 RMCA B

Date: 21-04-2022

Output Screenshot

```
Microsoft Windows [Version 10.0.19043.1586]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Student\Desktop\Manya S2\java>javac LSearch.java

C:\Users\Student\Desktop\Manya S2\java>java LSearch
Enter number of elements
5
Enter those 5 elements
1
2
3
45
78
Enter value to find
3
3 is present at location 3.

C:\Users\Student\Desktop\Manya S2\java>java LSearch
Enter number of elements
3
Enter those 3 elements
1
2
3
Enter value to find
9
9 isn't present in array.

C:\Users\Student\Desktop\Manya S2\java>
```