OBJECT ORIENTED PROGRAMMING LAB

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Batch: MCA B

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Experiment No.: 7

Aim

Search an element in an array.

Procedure

```
import java.util.Scanner;
class Search
{
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.");

}

}
```

Output Screenshot

```
D:\Reshma>javac SearchElement.java

D:\Reshma>java SearchElement
Enter no. of elements:4
Enter the elements:
2
33
44
67
Enter the element you want to search:44
Element found at position:3

D:\Reshma>java SearchElement
Enter no. of elements:5
Enter the elements:
3
5
4
6
5
Enter the element you want to search:8
Element not found
```