

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

Search an element in an array.

Procedure

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

```
class Searchar
```

```
{
```

```
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: Mathew Sebastian

Roll No: 18

Batch: S2 RMCA B

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Output Screenshot

```
Microsoft Windows [Version 10.0.18362.1082]
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C:\Users\Student\Desktop\MM\java>javac Searchar.java

C:\Users\Student\Desktop\MM\java>java Searchar
Enter number of elements
4
Enter those 4 elements
4
6
8
9
Enter value to find
8
8 is present at location 3.

C:\Users\Student\Desktop\MM\java>
```