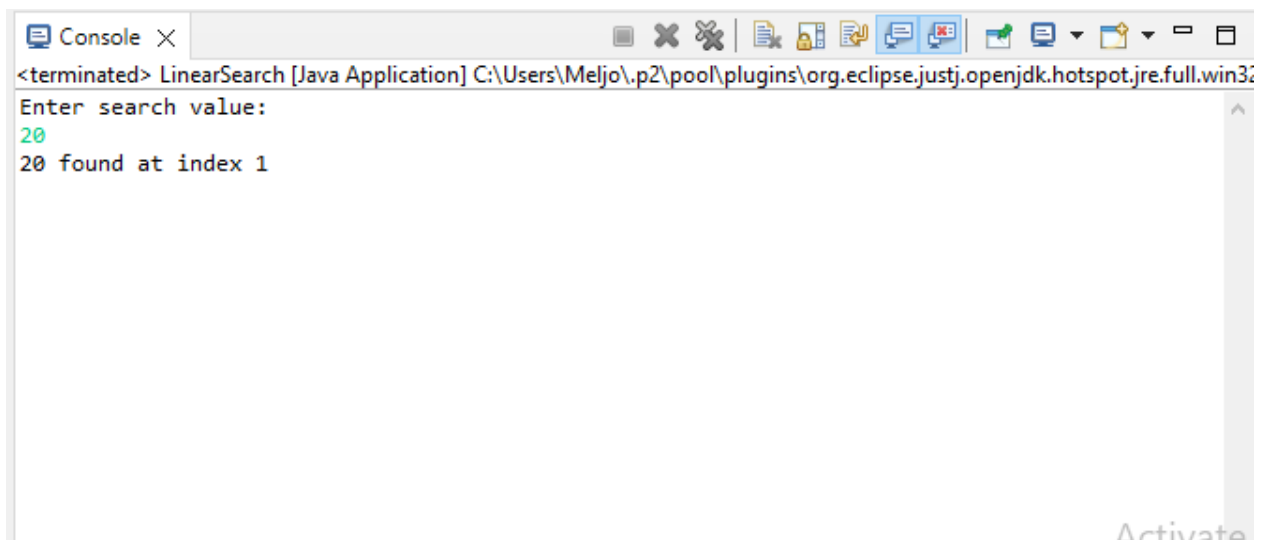


```
package ap_1;
import java.util.Scanner;
public class LinearSearch {
    public static void main(String[] args) {
        int[] array = { 10, 20, 30, 40, 50 };
        int searchValue, i;
        boolean found = false;
        Scanner sc = new Scanner(System.in);
        System.out.println("Enter search value: ");
        searchValue = sc.nextInt();
        for (i = 0; i < array.length; i++) {
            if (array[i] == searchValue) {
                found = true;
                break;
            }
        }
        if (found == true) {
            System.out.println(searchValue + " found at index " + i);
        } else {
            System.out.println(searchValue + " not found in the array");
        }
    }
}
```



```
<terminated> LinearSearch [Java Application] C:\Users\Meljo\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32
Enter search value:
20
20 found at index 1
```