Writing a program in Java implementing the linear search algorithm

```
package P5;
import java.util.Scanner;
public class LinearSearch {
      public static void main(String[] args) {
            int[] arr = { 1, 2, 3, 4, 5 };
            Scanner sc = new Scanner(System.in);
            System.out.println("Enter the element to be searched");
            int searchValue = sc.nextInt();
            int result = (int) linearing(arr, searchValue);
            if (result == 1) {
                  System.out.println("Element not in the array");
            } else {
                  System.out.println("Element found at " + result + " and the
search key is " + arr[result]);
      public static int linearing(int arr[], int x) {
            int arrlength = arr.length;
            for (int i = 0; i < arrlength - 1; i++) {</pre>
                  if (arr[i] == x) {
                        return i;
            return 1;
      }
}
```

```
The Section Section Margane delta Market Consideration Described Action (1997) and the Section Of Consideration Of Considerat
```