Project Output

LONGEST INCREASING SUBSEQUENCE

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uence/src/com/simplilearn/LIS/LIS.java - Eclipse IDE
Search Project Run Window Help
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         RunnerwithNIO.java D LIS.java X D LIS_1.java
 package com.simplilearn.LIS;
 import java.util.*;
 public class LIS {
      public static void main(String[] args) {
           Random random = new Random();
           int[] arr = new int[10];
          // filling the array with random integers
           for (int i = 0; i < arr.length; i++)</pre>
               arr[i] = random.nextInt();
           System.out.println("From the array: " + Arrays.toString(arr));
           System.out.println("\nLength of the longest increasing subsequence: " + findMaxIncreasingSubsequence
      private static int findMaxIncreasingSubsequence(int[] arr) {
          // check for null or empty array
           if (arr == null || arr.length == 0)
                                                                                            roblems @ Javadoc 😉 Declaration 💂 Console 🗶 🐲 Debug
inated> LIS [Java Application] C:\Program Files\Java\jdk-17.0.2\bin\javaw.exe (Mar 30, 2022, 7:05:03 AM - 7:05:04 AM)
the array: [-1786147003, -768336417, 436214201, -1744454815, -687606108, -1190575330, 660235341, -1117747927, 125150023, -1577266089]
longest increasing subsequence (first of it's length): [-1786147003, -768336417, 436214201]
th of the longest increasing subsequence: 3
                                                                                                  Activate Windows
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☐ ☑ Runner.java ☑ RunnerwithNIO.java ☑ LIS.java 🗡 LIS_1.java
     1 package com.simplilearn.LIS;
     2 import java.util.*;
     3 public class LIS {
            public static void main(String[] args) {
                 Random random = new Random();
     5
                 int[] arr = new int[1];
     6
                 // filling the array with random integers
     8
     9
                 for (int i = 0; i < arr.length; i++)</pre>
    10
                      arr[i] = random.nextInt();
    11
    12
                 System.out.println("From the array: " + Arrays.toString(arr));
                 System.out.println("\nLength of the longest increasing subsequence: " + findMaxIncreasingSubsequence
    13
    14
    15
    16⊜
             private static int findMaxIncreasingSubsequence(int[] arr) {
    17
                 // check for null or empty array
                 if (arr == null || arr.length == 0)
    18
                                                                                                 🔐 Problems @ Javadoc 📵 Declaration 📮 Console 🗶 🔅 Debug
   <terminated> LIS [Java Application] C:\Program Files\Java\jdk-17.0.2\bin\javaw.exe (Mar 30, 2022, 7:06:30 AM - 7:06:30 AM)
   From the array: [-695846135]
   There is only one value in the list!: -695846135
   Length of the longest increasing subsequence: 1
```

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ng_Subsequence/src/com/simplilearn/LIS/LIS.java - Eclipse IDE
Navigate Search Project Run Window Help
☑ Runner.java
☑ RunnerwithNIO.java
☑ LIS.java ×
☑ LIS_1.java
    1 package com.simplilearn.LIS;
    2 import java.util.*;
    3 public class LIS {
           public static void main(String[] args) {
               Random random = new Random();
               int[] arr = new int[0];
    6
               // filling the array with random integers
               for (int i = 0; i < arr.length; i++)</pre>
    9
                   arr[i] = random.nextInt();
   10
   11
               System.out.println("From the array: " + Arrays.toString(arr));
   12
               System.out.println("\nLength of the longest increasing subsequence: " + findMaxIncreasingSubsequence:
   13
  14
           }
   15
   16⊜
           private static int findMaxIncreasingSubsequence(int[] arr) {
               // check for null or empty array
   17
               if (arr == null || arr.length == 0)
   18
                                                                                        🔐 Problems @ Javadoc 😣 Declaration 📮 Console 🗶 🕸 Debug
  <terminated> LIS [Java Application] C:\Program Files\Java\jdk-17.0.2\bin\javaw.exe (Mar 30, 2022, 7:06:44 AM - 7:06:45 AM)
  From the array: []
  Length of the longest increasing subsequence: 0
```