

Window Help



LIS.java x

```
1 package LIS;
2
3 public class LIS {
4     static int lis(int arr[], int n)
5     {
6         int lis[] = new int[n];
7         int i, j, max = 0;
8
9         for (i = 0; i < n; i++)
10             lis[i] = 1;
11
12         for (i = 1; i < n; i++)
13             for (j = 0; j < i; j++)
14                 if (arr[i] > arr[j] && lis[i] < lis[j] + 1)
15                     lis[i] = lis[j] + 1;
16         for (i = 0; i < n; i++)
17             if (max < lis[i])
18                 max = lis[i];
19
20         return max;
21     }
22
23     public static void main(String args[])
24     {
25         int arr[] = { 10, 22, 9, 33, 21, 50, 41, 60 };
26         int n = arr.length;
27         System.out.println("Length of lis is " + lis(arr, n) + "\n");
28     }
29 }
30
31
32
```

Problems @ Javadoc Declaration Console x

<terminated> LIS [Java Application] C:\Program Files\Java\jdk-17.0.2\bin\javaw.exe (03-Apr-2022, 3:17:30 pm – 3:17:32 pm)
Length of lis is 5

Writable

Smart Insert

31:1:75

