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package com;
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public class LongestIncreasing {  
    static int incre_subseq(int myarr[], int arrlen){  
        int seqarr[] = new int[arrlen];  
        int i, j, max = 0;  
        for (i = 0; i < arrlen; i++)  
            seqarr[i] = 1;  
        for (i = 1; i < arrlen; i++)  
            for (j = 0; j < i; j++)  
                if (myarr[i] > myarr[j] && seqarr[i] < seqarr[j] + 1)  
                    seqarr[i] = seqarr[j] + 1;  
        for (i = 0; i < arrlen; i++)  
            if (max < seqarr[i])  
                max = seqarr[i];  
        return max;  
    }  
  
    public static void main(String[] args) {  
        // TODO Auto-generated method stub  
        int myarr[] = { 10, 22, 9, 33, 21, 50, 41, 60 };  
        int arrlen = myarr.length;  
        for(int myarrs:myarr) {  
            System.out.print(myarrs+" ");  
        }  
        System.out.println();  
        System.out.println("length " + incre_subseq(myarr, arrlen));  
    }  
}
```