```java
package phase1;

public class Longestincreasingsubsequence {
 static int incre_subseq(int my_arr[], int arr_len){
    int seq_arr[] = new int[arr_len];
    int i, j, max = 0;
    for (i = 0; i < arr_len; i++)
       seq_arr[i] = 1;
    for (i = 1; i < arr_len; i++)
    for (j = 0; j < i; j++)
    if (my_arr[i] > my_arr[j] && seq_arr[i] < seq_arr[j] + 1)
    seq_arr[i] = seq_arr[j] + 1;
    for (i = 0; i < arr_len; i++)
    if (max < seq_arr[i])
    max = seq_arr[i];
    return max;
 }
 public static void main(String args[]){
    int my_arr[] = {  21, 69, 60, 36, 77, 98 , 39, 71, };
    int arr_len = my_arr.length;
    System.out.println("The length of the longest increasing subsequence is " +  incre_subseq(my_arr, arr_len));
 }
}
```