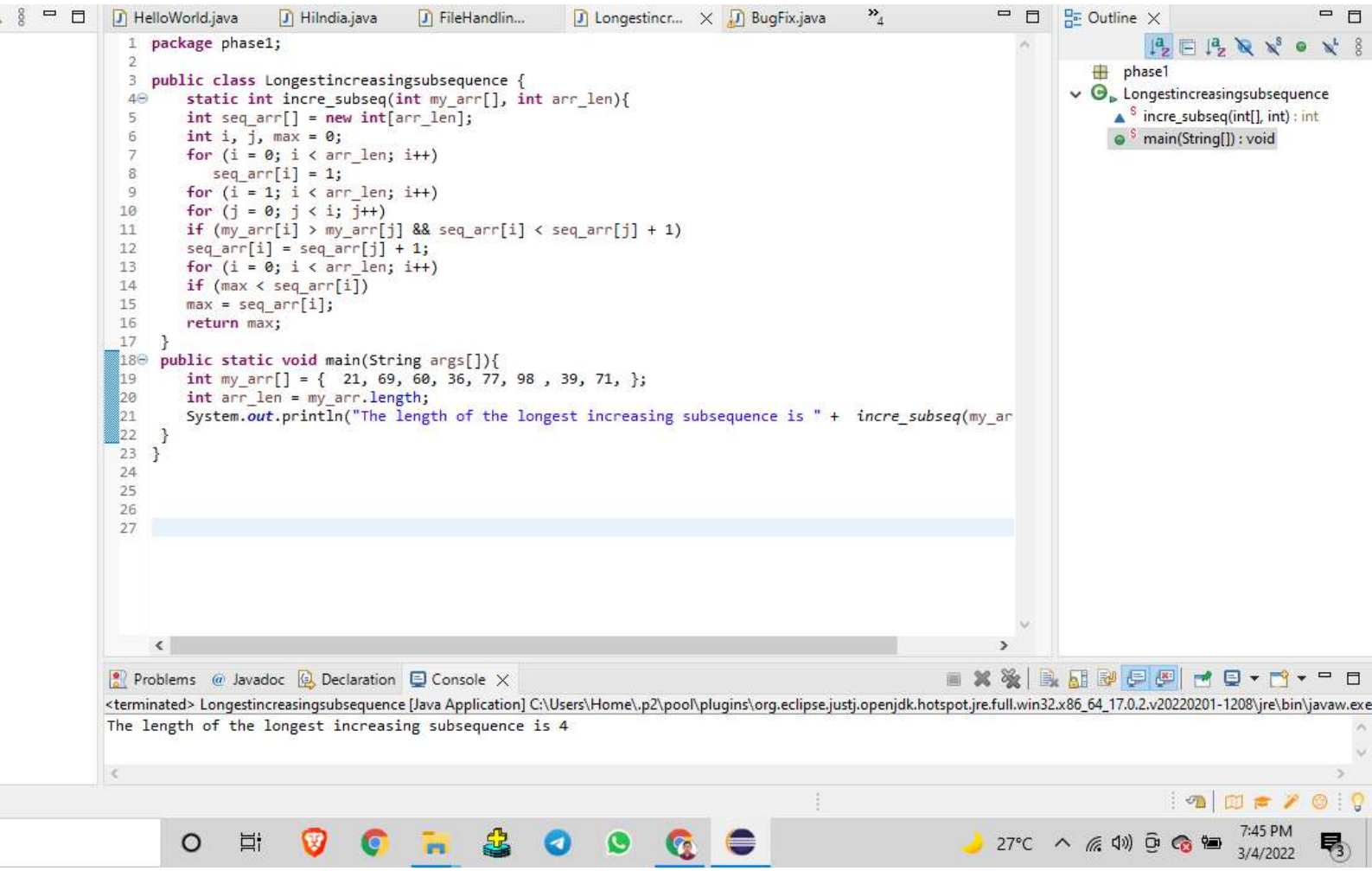


```
1  package phase1;
2
3  public class Longestincreasingsubsequence {
4      static int incre_subseq(int my_arr[], int arr_len){
5      int seq_arr[] = new int[arr_len];
6      int i, j, max = 0;
7      for (i = 0; i < arr_len; i++)
8         seq_arr[i] = 1;
9      for (i = 1; i < arr_len; i++)
10     for (j = 0; j < i; j++)
11     if (my_arr[i] > my_arr[j] && seq_arr[i] < seq_arr[j] + 1)
12     seq_arr[i] = seq_arr[j] + 1;
13     for (i = 0; i < arr_len; i++)
14     if (max < seq_arr[i])
15     max = seq_arr[i];
16     return max;
17  }
18 public static void main(String args[]){
19     int my_arr[] = {  21, 69, 60, 36, 77, 98 , 39, 71, };
20     int arr_len = my_arr.length;
21     System.out.println("The length of the longest increasing subsequence is " +  incre_subseq(my_ar
22  }
23 }
24
25
26
27
```