```
1   Welcome to DrJava.  Working directory is G:\COSC 3P03
2   > run COSC_3P03_A3_Q1
3   With the array S = 11, 17, 5, 8, 6, 4, 7, 12, 3
4   The Longest Ascending Subsequence is 5 6 7 12 with a length of 4
5   >
```