1 /Library/Java/JavaVirtualMachines/jdk1.8.0_291.jdk/Contents/Home/bin/java -javaagent:/Applications/IntelliJ
  IDEA CE.app/Contents/lib/idea_rt.jar=49361:/Applications/IntelliJ IDEA CE.app/Contents/bin -Dfile.encoding=
  UTF-8 -classpath /Library/Java/JavaVirtualMachines/jdk1.8.0_291.jdk/Contents/Home/jre/lib/charsets.jar:/
  Library/Java/JavaVirtualMachines/jdk1.8.0_291.jdk/Contents/Home/jre/lib/deploy.jar:/Library/Java/
  JavaVirtualMachines/jdk1.8.0_291.jdk/Contents/Home/jre/lib/ext/cldrdata.jar:/Library/Java/
  JavaVirtualMachines/jdk1.8.0_291.jdk/Contents/Home/jre/lib/ext/dnsns.jar:/Library/Java/JavaVirtualMachines/
  jdk1.8.0_291.jdk/Contents/Home/jre/lib/ext/jaccess.jar:/Library/Java/JavaVirtualMachines/jdk1.8.0_291.jdk/
  Contents/Home/jre/lib/ext/jfxrt.jar:/Library/Java/JavaVirtualMachines/jdk1.8.0_291.jdk/Contents/Home/jre/lib
  /ext/localedata.jar:/Library/Java/JavaVirtualMachines/jdk1.8.0_291.jdk/Contents/Home/jre/lib/ext/nashorn.jar
  :/Library/Java/JavaVirtualMachines/jdk1.8.0_291.jdk/Contents/Home/jre/lib/ext/sunec.jar:/Library/Java/
  JavaVirtualMachines/jdk1.8.0_291.jdk/Contents/Home/jre/lib/ext/sunjce_provider.jar:/Library/Java/
  JavaVirtualMachines/jdk1.8.0_291.jdk/Contents/Home/jre/lib/ext/sunpkcs11.jar:/Library/Java/
  JavaVirtualMachines/jdk1.8.0_291.jdk/Contents/Home/jre/lib/ext/zipfs.jar:/Library/Java/JavaVirtualMachines/
  jdk1.8.0_291.jdk/Contents/Home/jre/lib/javaws.jar:/Library/Java/JavaVirtualMachines/jdk1.8.0_291.jdk/
  Contents/Home/jre/lib/jce.jar:/Library/Java/JavaVirtualMachines/jdk1.8.0_291.jdk/Contents/Home/jre/lib/jfr.
  jar:/Library/Java/JavaVirtualMachines/jdk1.8.0_291.jdk/Contents/Home/jre/lib/jfxswt.jar:/Library/Java/
  JavaVirtualMachines/jdk1.8.0_291.jdk/Contents/Home/jre/lib/jsse.jar:/Library/Java/JavaVirtualMachines/jdk1.8
  .0_291.jdk/Contents/Home/jre/lib/management-agent.jar:/Library/Java/JavaVirtualMachines/jdk1.8.0_291.jdk/
  Contents/Home/jre/lib/plugin.jar:/Library/Java/JavaVirtualMachines/jdk1.8.0_291.jdk/Contents/Home/jre/lib/
  resources.jar:/Library/Java/JavaVirtualMachines/jdk1.8.0_291.jdk/Contents/Home/jre/lib/rt.jar:/Library/Java/
  JavaVirtualMachines/jdk1.8.0_291.jdk/Contents/Home/lib/ant-javafx.jar:/Library/Java/JavaVirtualMachines/jdk1
  .8.0_291.jdk/Contents/Home/lib/dt.jar:/Library/Java/JavaVirtualMachines/jdk1.8.0_291.jdk/Contents/Home/lib/
  javafx-mx.jar:/Library/Java/JavaVirtualMachines/jdk1.8.0_291.jdk/Contents/Home/lib/jconsole.jar:/Library/
  Java/JavaVirtualMachines/jdk1.8.0_291.jdk/Contents/Home/lib/packager.jar:/Library/Java/JavaVirtualMachines/
  jdk1.8.0_291.jdk/Contents/Home/lib/sa-jdi.jar:/Library/Java/JavaVirtualMachines/jdk1.8.0_291.jdk/Contents/
  Home/lib/tools.jar:/Users/parampalsingh/Desktop/Answer_2/out/production/Answer_2:/Applications/IntelliJ IDEA
   CE.app/Contents/plugins/Kotlin/kotlinc/lib/kotlin-stdlib.jar:/Applications/IntelliJ IDEA CE.app/Contents/
  plugins/Kotlin/kotlinc/lib/kotlin-reflect.jar:/Applications/IntelliJ IDEA CE.app/Contents/plugins/Kotlin/
  kotlinc/lib/kotlin-test.jar RandomTestCaseGenerator
2 Test Number 1:
3 Input Array: [16, -47, -27, 50, 44, -49, -36, -30, -50, 32, 44, 50, 8, -6, 24, 20, 2, -31, 36, -38, 49, -5,
  6, -5, -37, -29, -45, -42, -35, 8, 29, 28, 10, 6, 25, -1, -32, 45, -42]
4 Output Array: [-50, -49, -47, -45, -42, -42, -38, -37, -36, -35, -32, -31, -30, -29, -27, -6, -5, -5, -1, 2
  , 6, 6, 8, 8, 10, 16, 20, 24, 25, 28, 29, 32, 36, 44, 44, 45, 49, 50, 50]
5 Is sorted? true
6
7 Test Number 2:
8 Input Array: [29, -46, -19, -10, 0, -33, 24, 30, -40, -37, -29, -25]
9 Output Array: [-46, -40, -37, -33, -29, -25, -19, -10, 0, 24, 29, 30]
10 Is sorted? true
11
12 Test Number 3:
13 Input Array: [-3, -42, -32]
14 Output Array: [-42, -32, -3]
15 Is sorted? true
16
17 Test Number 4:
18 Input Array: [43, -48, 1, -48, 28, -8, -1, -45, -24, 13, 45, 34, -3, -38, 14, 20, -50, 38, 28, 41, -1, 40, -
  38, -23, -27, 30, 41, -28, -15, -4, 0, -21, 39, -10, 49, -15, 10, -34, 37, 16]
19 Output Array: [-50, -48, -48, -45, -38, -38, -34, -28, -27, -24, -23, -21, -15, -15, -10, -8, -4, -3, -1, -1
  , 0, 1, 10, 13, 14, 16, 20, 28, 28, 30, 34, 37, 38, 39, 40, 41, 41, 43, 45, 49]
20 Is sorted? true
21
22 Test Number 5:
23 Input Array: [-43, -25, 28, -24, -23, 26, 36, -20, -44, -44, -32, -9, 1, 4, -48, 42, -7, 9, 2, -12, -42, 44
  , 29, -37, 20, -22]
24 Output Array: [-48, -44, -44, -43, -42, -37, -32, -25, -24, -23, -22, -20, -12, -9, -7, 1, 2, 4, 9, 20, 26,
  28, 29, 36, 42, 44]
25 Is sorted? true
26
27 Test Number 6:
28 Input Array: [17, 4, -3, -30]
29 Output Array: [-30, -3, 4, 17]
30 Is sorted? true
31
32 Test Number 7:
33 Input Array: [4, -45, 11, -4, 28]
34 Output Array: [-45, -4, 4, 11, 28]
35 Is sorted? true
36
37 Test Number 8:
38 Input Array: [-42, -32, -22, 7, -23, -12, 11, -45, 19, 46, 48, -13, 10, -40, 3, -10]
39 Output Array: [-45, -42, -40, -32, -23, -22, -13, -12, -10, 3, 7, 10, 11, 19, 46, 48]
40 Is sorted? true
41
42 Test Number 9:
43 Input Array: [-12, 19, 14, 7, 46, 13, -47, 26, -1, 0, 43, 39, -3, -48, -7, -17, -20, -42, 6, -3, -2, 22, -39
  , 15, -29, -23, -15, -27, 20, 32, -44, 2, 1, 27, -38, 22]
44 Output Array: [-48, -47, -44, -42, -39, -38, -29, -27, -23, -20, -17, -15, -12, -7, -3, -3, -2, -1, 0, 1, 2
  , 6, 7, 13, 14, 15, 19, 20, 22, 22, 26, 27, 32, 39, 43, 46]
45 Is sorted? true
46
47 Test Number 10:
48 Input Array: [20, 8, 30, 4, -1, -43, 42, -31, -50, -41, -16, -28, 1, 26, 29, -38, 24, 6, -46, -44, -46, -27
  , 30, -32, 15, -12, -5, 36, -45, -18, 33]
49 Output Array: [-50, -46, -46, -45, -44, -43, -41, -38, -32, -31, -28, -27, -18, -16, -12, -5, -1, 1, 4, 6, 8
  , 15, 20, 24, 26, 29, 30, 30, 33, 36, 42]
50 Is sorted? true
51

```
52 Test Number 11:
53 Input Array: [6, -27, -8, -32, -30, -50, -24, 31, 13, 11, 10, 29, 22, 33, 33, -19, -5, -48, 3, -11, 36, -47
   , -30]
54 Output Array: [-50, -48, -47, -32, -30, -30, -27, -24, -19, -11, -8, -5, 3, 6, 10, 11, 13, 22, 29, 31, 33,
   33, 36]
55 Is sorted? true
56
57 Test Number 12:
58 Input Array: [-4, -15, 35, 48, -16, 22, 10, 9, 4, 30, 31, -16, 37, 10, 20, 48, -20, -49, -21, -2, 7, -35,
   33, -28, 4, -41, -12, -43, 41, 24, 46, -38, 0, 13, -38]
59 Output Array: [-49, -43, -41, -38, -38, -35, -28, -21, -20, -16, -16, -15, -12, -4, -2, 0, 4, 4, 7, 9, 10,
   10, 13, 20, 22, 24, 30, 31, 33, 35, 37, 41, 46, 48, 48]
60 Is sorted? true
61
62 Test Number 13:
63 Input Array: [35, -15, -50, -45, -15, -35, 23, 28, -32, 25, -49, -19, 47, -47, 13, -11, 2, -47, 24, -3]
64 Output Array: [-50, -49, -47, -47, -45, -35, -32, -19, -15, -15, -11, -3, 2, 13, 23, 24, 25, 28, 35, 47]
65 Is sorted? true
66
67 Test Number 14:
68 Input Array: [-5, 45, 46, -44, 11, 44, 20, 2, -35, 0, -46, -18, -28]
69 Output Array: [-46, -44, -35, -28, -18, -5, 0, 2, 11, 20, 44, 45, 46]
70 Is sorted? true
71
72 Test Number 15:
73 Input Array: [34, 8]
74 Output Array: [8, 34]
75 Is sorted? true
76
77
78 Process finished with exit code 0
79
```