

```
2 -- Sorting Test Case Generator --
3     Test 1
4         original >> -1344, -1350, -1730, 259, 1182, -1439,
1409, -1553, -1467, -741, -1078, 488, -1278, 856, -1028, -152
, 219, 1148, 1803, -995,
5         sorted >> -1730, -1553, -1467, -1439, -1350, -1344, -
1278, -1078, -1028, -995, -741, -152, 219, 259, 488, 856, 1148
, 1182, 1409, 1803,
6         correct >> -1730, -1553, -1467, -1439, -1350, -1344, -
1278, -1078, -1028, -995, -741, -152, 219, 259, 488, 856, 1148
, 1182, 1409, 1803,
7         Status: PASS
8     Test 2
9         original >> -1243, 1221, 1699, -302, -784, -137, 575
, -674, -1718, -116, 584, 980, 1819, 1446, 1549, -518, -1980,
197, 1967, 903,
10        sorted >> -1980, -1718, -1243, -784, -674, -518, -302
, -137, -116, 197, 575, 584, 903, 980, 1221, 1446, 1549, 1699
, 1819, 1967,
11        correct >> -1980, -1718, -1243, -784, -674, -518, -302
, -137, -116, 197, 575, 584, 903, 980, 1221, 1446, 1549, 1699
, 1819, 1967,
12        Status: PASS
13    Test 3
14        original >> 1513, 1611, 516, 1479, 1719, 1493, -1374,
1443, 1426, 1723, 1093, 1985, -213, 141, -790, 1384, 358, -690
, 1802, 427,
15        sorted >> 1611, 1513, -690, 1719, 1479, 358, 427, 516
, 1093, 1384, 1426, 1443, 1479, 1493, 1513, 1611, 1719, 1723,
1802, 1985,
16        correct >> -1374, -790, -690, -213, 141, 358, 427, 516
, 1093, 1384, 1426, 1443, 1479, 1493, 1513, 1611, 1719, 1723,
1802, 1985,
17        Status: FAIL
18    Test 4
19        original >> 58, 1641, 1861, -628, -1279, -1282, -77, -
1392, 61, -179, -1064, 1211, 572, 1746, 1264, -204, -1138, -
1376, 1171, 1685,
20        sorted >> -1392, -1376, -1282, -1279, -1138, -1064, -
628, -204, -179, -77, 58, 61, 572, 1171, 1211, 1264, 1641,
1685, 1746, 1861,
```

```
21         correct >> -1392, -1376, -1282, -1279, -1138, -1064, -
    628, -204, -179, -77, 58, 61, 572, 1171, 1211, 1264, 1641,
    1685, 1746, 1861,
22         Status: PASS
23     Test 5
24         original >> -259, -1122, -1169, -1511, -942, -1274,
    1783, -1855, 1447, 271, 295, 310, 607, 1723, 1160, 1181, 1209
    , -878, -693, -1757,
25         sorted >> -1855, -1757, -1511, -1274, -1169, -1122, -
    942, -878, -693, -259, 271, 295, 310, 607, 1160, 1181, 1209,
    1447, 1723, 1783,
26         correct >> -1855, -1757, -1511, -1274, -1169, -1122, -
    942, -878, -693, -259, 271, 295, 310, 607, 1160, 1181, 1209,
    1447, 1723, 1783,
27         Status: PASS
28     Test 6
29         original >> 1179, -721, -1991, 1046, -1200, -732, 235
    , -738, -1332, 1505, 696, 1842, 1203, -1604, 356, -660, -640,
    1653, -199, -387,
30         sorted >> -1991, -1604, -1332, -1200, -738, -732, -721
    , -660, -640, -387, -199, 235, 356, 696, 1046, 1179, 1203,
    1505, 1653, 1842,
31         correct >> -1991, -1604, -1332, -1200, -738, -732, -
    721, -660, -640, -387, -199, 235, 356, 696, 1046, 1179, 1203,
    1505, 1653, 1842,
32         Status: PASS
33     Test 7
34         original >> -1088, 1853, -328, 1393, 41, 901, 1343,
    1409, 678, -1007, -623, 1143, -426, -1355, -1734, -1356, 1931
    , 1746, 1322, -711,
35         sorted >> -1734, -1356, -1355, -1088, -1007, -711, -
    623, -426, -328, 41, 678, 901, 1143, 1322, 1343, 1393, 1409,
    1746, 1853, 1931,
36         correct >> -1734, -1356, -1355, -1088, -1007, -711, -
    623, -426, -328, 41, 678, 901, 1143, 1322, 1343, 1393, 1409,
    1746, 1853, 1931,
37         Status: PASS
38     Test 8
39         original >> 496, -1697, 789, 530, -623, -1737, -1305
    , -705, -475, 1318, 1449, 318, -1184, -477, 1899, -928, 1522,
    1189, -1856, 551,
```

```
40         sorted >> -1856, -1737, -1697, -1305, -1184, -928, -
705, -623, -477, -475, 318, 496, 530, 551, 789, 1189, 1318,
1449, 1522, 1899,
41         correct >> -1856, -1737, -1697, -1305, -1184, -928, -
705, -623, -477, -475, 318, 496, 530, 551, 789, 1189, 1318,
1449, 1522, 1899,
42         Status: PASS
43     Test 9
44         original >> -155, -411, -122, -704, -1591, 854, -1355
, -1707, 1622, -1450, -70, 556, -1836, 1274, 1742, 1770, 848
, -1691, -427, 1219,
45         sorted >> -1836, -1707, -1691, -1591, -1450, -1355, -
704, -427, -411, -155, -122, -70, 556, 848, 854, 1219, 1274,
1622, 1742, 1770,
46         correct >> -1836, -1707, -1691, -1591, -1450, -1355, -
704, -427, -411, -155, -122, -70, 556, 848, 854, 1219, 1274,
1622, 1742, 1770,
47         Status: PASS
48     Test 10
49         original >> -325, -1632, -202, -1556, 1584, -1241, -
149, 911, -1149, 912, -1263, 1958, 1867, 173, 1489, -1176, -
1522, -85, -1674, -415,
50         sorted >> -1674, -1632, -1556, -1522, -1263, -1241, -
1176, -1149, -415, -325, -202, -149, -85, 173, 911, 912, 1489
, 1584, 1867, 1958,
51         correct >> -1674, -1632, -1556, -1522, -1263, -1241, -
1176, -1149, -415, -325, -202, -149, -85, 173, 911, 912, 1489
, 1584, 1867, 1958,
52         Status: PASS
53     Test 11
54         original >> -1147, 1276, 1546, -1200, -292, 1777, -
1268, 49, 370, -1359, -1304, 1106, 1995, -1320, -1825, -33, 30
, -1152, -1033, 698,
55         sorted >> -1825, -1359, -1320, -1304, -1268, -1200, -
1152, -1147, -1033, -292, -33, 30, 49, 370, 698, 1106, 1276,
1546, 1777, 1995,
56         correct >> -1825, -1359, -1320, -1304, -1268, -1200, -
1152, -1147, -1033, -292, -33, 30, 49, 370, 698, 1106, 1276,
1546, 1777, 1995,
57         Status: PASS
58     Test 12
```

```
59      original >> 1499, 1980, -840, -286, -1522, 1404, 1387
    , -255, -1094, -949, 1671, 1553, -472, -676, -1694, 1890, 1636
    , -1891, -1540, -770,
60      sorted >> -1891, -1694, -1540, -1522, -1094, -949, -
    840, -770, -676, -472, -286, -255, 1387, 1404, 1499, 1553,
    1636, 1671, 1890, 1980,
61      correct >> -1891, -1694, -1540, -1522, -1094, -949, -
    840, -770, -676, -472, -286, -255, 1387, 1404, 1499, 1553,
    1636, 1671, 1890, 1980,
62      Status: PASS
63      Test 13
64      original >> 1646, -1018, -1216, -1000, 320, -1870, -
    434, 1104, -1591, 1714, 868, 1444, 1027, 1790, 550, -1095,
    1513, -504, -76, 112,
65      sorted >> -1870, -1591, -1216, -1095, -1018, -1000, -
    504, -434, -76, 112, 320, 550, 868, 1027, 1104, 1444, 1513,
    1646, 1714, 1790,
66      correct >> -1870, -1591, -1216, -1095, -1018, -1000, -
    504, -434, -76, 112, 320, 550, 868, 1027, 1104, 1444, 1513,
    1646, 1714, 1790,
67      Status: PASS
68      Test 14
69      original >> -1677, -885, 1981, -1420, 905, 1492, 1287
    , 117, -1141, 1713, -1584, -517, 1228, -334, 577, -1377, 468
    , -279, 1674, -856,
70      sorted >> -1677, -1584, -1420, -1377, -1141, -885, -
    856, -517, -334, -279, 117, 468, 577, 905, 1228, 1287, 1492,
    1674, 1713, 1981,
71      correct >> -1677, -1584, -1420, -1377, -1141, -885, -
    856, -517, -334, -279, 117, 468, 577, 905, 1228, 1287, 1492,
    1674, 1713, 1981,
72      Status: PASS
73      Test 15
74      original >> 849, 669, -1627, 1011, -1359, -660, -361,
    1078, -931, -43, 279, 1430, -1095, -1710, -1368, -624, 1159,
    1950, 608, -1209,
75      sorted >> -1710, -1627, -1368, -1359, -1209, -1095, -
    931, -660, -624, -361, 1430, 279, 608, 669, 849, 1011, 1078,
    1159, 1430, 1950,
76      correct >> -1710, -1627, -1368, -1359, -1209, -1095, -
    931, -660, -624, -361, -43, 279, 608, 669, 849, 1011, 1078,
```

```
76 1159, 1430, 1950,
77     Status: FAIL
78     Test 16
79     original >> 1187, -873, 1693, -869, 487, 1781, 394, -
1707, -687, 457, -410, -1656, -1704, 151, -598, -935, 945, -
280, -1958, -644,
80     sorted >> -1958, -1707, -1704, -1656, -935, -873, -
869, -687, -644, -598, -410, -280, 151, 394, 457, 487, 945,
1187, 1693, 1781,
81     correct >> -1958, -1707, -1704, -1656, -935, -873, -
869, -687, -644, -598, -410, -280, 151, 394, 457, 487, 945,
1187, 1693, 1781,
82     Status: PASS
83     Test 17
84     original >> -811, -542, 303, 1999, 400, -1764, 1972
, -201, -1395, -444, 489, 776, 1446, 1314, -1235, -1834, -
1844, -801, 1050, -1255,
85     sorted >> -1844, -1834, -1764, -1395, -1255, -1235, -
811, -801, -542, -444, -201, 303, 400, 489, 776, 1050, 1314,
1446, 1972, 1999,
86     correct >> -1844, -1834, -1764, -1395, -1255, -1235
, -811, -801, -542, -444, -201, 303, 400, 489, 776, 1050,
1314, 1446, 1972, 1999,
87     Status: PASS
88     Test 18
89     original >> -449, -106, -1707, 1345, -235, -923, -
1650, -228, -1545, 1062, -469, -1904, 1779, -702, 1004, 566,
605, -1289, 1400, -984,
90     sorted >> -1904, -1707, -1650, -1545, -1289, -984, -
923, -702, -469, -449, -235, -228, -106, 566, 605, 1004, 1062
, 1345, 1400, 1779,
91     correct >> -1904, -1707, -1650, -1545, -1289, -984, -
923, -702, -469, -449, -235, -228, -106, 566, 605, 1004, 1062
, 1345, 1400, 1779,
92     Status: PASS
93     Test 19
94     original >> 303, 1185, 205, -265, 116, -1717, 504, -
647, 1933, 206, -1248, 1196, -1750, 1882, -952, 950, -1833,
1524, -842, -1077,
95     sorted >> -1833, -1750, -1717, -1248, -1077, -952, -
842, -647, -265, 116, 205, 206, 303, 504, 950, 1185, 1196,
```

```

95 1524, 1882, 1933,
96     correct >> -1833, -1750, -1717, -1248, -1077, -952, -
    842, -647, -265, 116, 205, 206, 303, 504, 950, 1185, 1196,
    1524, 1882, 1933,
97     Status: PASS
98     Test 20
99     original >> 1683, 247, 1476, -1353, -517, -1412, 934
    , 579, 1864, 427, 1468, -280, -1628, -728, -657, 442, -1731
    , -1194, -952, 656,
100    sorted >> -1731, -1628, -1412, -1353, -1194, -952, -
    728, -657, -517, -280, 247, 427, 442, 579, 656, 934, 1468,
    1476, 1683, 1864,
101    correct >> -1731, -1628, -1412, -1353, -1194, -952, -
    728, -657, -517, -280, 247, 427, 442, 579, 656, 934, 1468,
    1476, 1683, 1864,
102    Status: PASS
103    Test 21
104    original >> 1192, 194, -319, 1664, 701, 1555, -1123
    , -871, 992, -106, -1119, -1925, -525, -892, 1904, 1195, 104
    , 750, 621, -21,
105    sorted >> -1925, -1123, -1119, -892, -871, -525, -319
    , -106, -21, 104, 194, 621, 701, 750, 992, 1192, 1195, 1555,
    1664, 1904,
106    correct >> -1925, -1123, -1119, -892, -871, -525, -
    319, -106, -21, 104, 194, 621, 701, 750, 992, 1192, 1195,
    1555, 1664, 1904,
107    Status: PASS
108    Test 22
109    original >> 1686, 1662, -1354, 987, 999, -1965, 783
    , -1418, -63, 1741, 580, -606, -1489, 729, -860, -362, 395, -
    1229, 352, 1969,
110    sorted >> -1965, -1489, -1418, -1354, -1229, -860, -
    606, -362, -63, 352, 395, 580, 729, 783, 987, 999, 1662, 1686
    , 1741, 1969,
111    correct >> -1965, -1489, -1418, -1354, -1229, -860, -
    606, -362, -63, 352, 395, 580, 729, 783, 987, 999, 1662, 1686
    , 1741, 1969,
112    Status: PASS
113    Test 23
114    original >> 316, 1423, -1487, 479, 1196, -518, -396,
    1898, 1759, -1043, -998, -343, 1735, -1817, -1961, -914, 557

```

```
114 , -1222, 697, 1560,
115         sorted >> -1961, -1817, -1487, 1196, 479, -998, -914
    , -518, -396, -343, 316, 479, 557, 697, 1196, 1423, 1560,
    1735, 1759, 1898,
116         correct >> -1961, -1817, -1487, -1222, -1043, -998, -
    914, -518, -396, -343, 316, 479, 557, 697, 1196, 1423, 1560,
    1735, 1759, 1898,
117         Status: FAIL
118     Test 24
119         original >> -843, 1211, 1835, 1427, 1849, -463, 1519
    , 818, -1017, 1906, -1054, -808, -1407, -1581, -727, -593, -
    1936, -1568, -1771, 1099,
120         sorted >> -1936, -1771, -1581, -1568, -1407, -1054, -
    1017, -843, -808, -727, -593, -463, 818, 1099, 1211, 1427,
    1519, 1835, 1849, 1906,
121         correct >> -1936, -1771, -1581, -1568, -1407, -1054
    , -1017, -843, -808, -727, -593, -463, 818, 1099, 1211, 1427
    , 1519, 1835, 1849, 1906,
122         Status: PASS
123     Test 25
124         original >> -664, -1270, -1228, -1768, -1348, 376,
    1631, 893, 1895, 1388, 199, -263, 1144, -1891, -198, -1538,
    1857, -1626, -99, -1894,
125         sorted >> -1894, -1891, -1768, -1626, -1538, -1348, -
    1270, -1228, -664, -263, -198, -99, 199, 376, 893, 1144, 1388
    , 1631, 1857, 1895,
126         correct >> -1894, -1891, -1768, -1626, -1538, -1348
    , -1270, -1228, -664, -263, -198, -99, 199, 376, 893, 1144,
    1388, 1631, 1857, 1895,
127         Status: PASS
128     Test 26
129         original >> 1506, 1788, -507, 250, -1552, -746, -755
    , 837, -65, 1245, -1621, 283, -659, -433, -1418, 1008, 625, -
    1646, 1530, 1456,
130         sorted >> -1646, -1621, -1552, -1552, 250, -746, -659
    , -507, -433, -65, 250, 283, 625, 837, 1008, 1245, 1456, 1506
    , 1530, 1788,
131         correct >> -1646, -1621, -1552, -1418, -755, -746, -
    659, -507, -433, -65, 250, 283, 625, 837, 1008, 1245, 1456,
    1506, 1530, 1788,
132         Status: FAIL
```

```
133     Test 27
134         original >> 483, -491, -1189, 940, -1848, -302, 289,
1917, 1036, -579, -1955, 1885, -496, -793, 1915, -227, 1780
, -1772, -424, -830,
135         sorted >> -1955, -1848, -1772, -1189, -830, -793, -
579, -496, -491, -424, -302, -227, 289, 483, 940, 1036, 1780
, 1885, 1915, 1917,
136         correct >> -1955, -1848, -1772, -1189, -830, -793, -
579, -496, -491, -424, -302, -227, 289, 483, 940, 1036, 1780
, 1885, 1915, 1917,
137         Status: PASS
138     Test 28
139         original >> -1116, 1594, -810, 580, 1935, 806, -546,
67, -1290, 1461, 1166, 660, -1690, -997, -1949, -1587, -39,
776, 300, -1964,
140         sorted >> -1964, -810, 1594, -1587, -1290, -1116, -
997, -810, -546, -39, 67, 300, 580, 660, 776, 806, 1166, 1461
, 1594, 1935,
141         correct >> -1964, -1949, -1690, -1587, -1290, -1116
, -997, -810, -546, -39, 67, 300, 580, 660, 776, 806, 1166,
1461, 1594, 1935,
142         Status: FAIL
143     Test 29
144         original >> 1579, 1552, -849, 1711, 977, -890, -356
, -1545, 1729, -623, -969, 1168, 1631, 390, -389, -958, -1109
, -1724, -641, 247,
145         sorted >> -1724, -1545, -1109, -969, -958, -890, -849
, -641, -623, -389, -356, 247, 390, 977, 1168, 1552, 1579,
1631, 1711, 1729,
146         correct >> -1724, -1545, -1109, -969, -958, -890, -
849, -641, -623, -389, -356, 247, 390, 977, 1168, 1552, 1579
, 1631, 1711, 1729,
147         Status: PASS
148     Test 30
149         original >> 1792, 888, -810, 1522, 1146, -1555, -692
, -819, -1784, 1864, 674, -625, -1464, 1075, 1392, -1959, -
588, 1820, 1948, -735,
150         sorted >> -1959, -1784, -1555, -1464, -819, -810, -
735, -692, -625, -588, 674, 888, 1075, 1146, 1392, 1522, 1792
, 1820, 1864, 1948,
151         correct >> -1959, -1784, -1555, -1464, -819, -810, -
```



```
151 735, -692, -625, -588, 674, 888, 1075, 1146, 1392, 1522, 1792
    , 1820, 1864, 1948,
152     Status: PASS
153     Test 31
154     original >> -1306, 183, -1739, -1603, 897, 287, -777
    , 1817, -1005, -1224, -119, 1408, 1816, 199, -1840, -1141, -
    465, 1286, -1465, -1876,
155     sorted >> -1876, -1840, -1739, -1603, 287, 897, -1224
    , -1141, -1005, -777, -465, -119, 183, 199, 287, 897, 1286,
    1408, 1816, 1817,
156     correct >> -1876, -1840, -1739, -1603, -1465, -1306
    , -1224, -1141, -1005, -777, -465, -119, 183, 199, 287, 897,
    1286, 1408, 1816, 1817,
157     Status: FAIL
158     Test 32
159     original >> -710, 10, -1074, -1192, -1256, 4, 1323,
    1499, 1992, -130, -122, 1299, -684, -1688, 1, -506, 1327, 960
    , 292, -1648,
160     sorted >> -1688, -1648, -1256, -1192, -1074, -710, -
    684, -506, -130, -122, 1, 4, 10, 292, 960, 1299, 1323, 1327,
    1499, 1992,
161     correct >> -1688, -1648, -1256, -1192, -1074, -710, -
    684, -506, -130, -122, 1, 4, 10, 292, 960, 1299, 1323, 1327,
    1499, 1992,
162     Status: PASS
163     Test 33
164     original >> -1555, -333, 225, -245, -1375, -511, 1141
    , 273, 553, 715, -241, 1933, 1441, -391, -221, 1375, 459, 717
    , -716, 744,
165     sorted >> -1555, -1375, -716, -511, -391, -333, -245
    , -241, -221, 225, 273, 459, 553, 715, 717, 744, 1141, 1375,
    1441, 1933,
166     correct >> -1555, -1375, -716, -511, -391, -333, -245
    , -241, -221, 225, 273, 459, 553, 715, 717, 744, 1141, 1375,
    1441, 1933,
167     Status: PASS
168     Test 34
169     original >> -122, -1343, -1637, -1024, -1518, -397,
    438, -1617, -514, 1761, -250, 385, -859, 872, 332, -679, -740
    , 1762, -499, 161,
170     sorted >> -1637, -1617, -1518, -1343, -1024, -859, -
```

```
170 740, -679, -514, -499, -397, -250, -122, 161, 332, 385, 438,
    872, 1761, 1762,
171      correct >> -1637, -1617, -1518, -1343, -1024, -859, -
    740, -679, -514, -499, -397, -250, -122, 161, 332, 385, 438,
    872, 1761, 1762,
172      Status: PASS
173      Test 35
174      original >> 1937, -1129, 294, -1886, 397, 908, -382,
    1229, -339, -494, -635, -137, -283, 597, 1936, 1321, 1080,
    836, 1816, 1584,
175      sorted >> -1886, -1129, -635, -494, -382, -339, -283
    , -137, 294, 397, 597, 836, 908, 1080, 1229, 1321, 1584, 1816
    , 1936, 1937,
176      correct >> -1886, -1129, -635, -494, -382, -339, -283
    , -137, 294, 397, 597, 836, 908, 1080, 1229, 1321, 1584, 1816
    , 1936, 1937,
177      Status: PASS
178      Test 36
179      original >> 1003, -1559, 252, 1046, 1603, -1876, -
    1525, -1330, 989, 1706, -442, -541, 763, -1273, -362, -212,
    811, 1883, -1073, 1602,
180      sorted >> -1559, 1003, -1525, -1330, -1273, -1073, -
    541, -442, -362, -212, 252, 763, 811, 989, 1003, 1046, 1602,
    1603, 1706, 1883,
181      correct >> -1876, -1559, -1525, -1330, -1273, -1073
    , -541, -442, -362, -212, 252, 763, 811, 989, 1003, 1046,
    1602, 1603, 1706, 1883,
182      Status: FAIL
183      Test 37
184      original >> -1665, 1197, -1655, -1423, -1304, -1226
    , -1116, -1597, -1380, -406, 925, 1901, -418, -1526, 1044,
    1040, -609, -899, 1398, 554,
185      sorted >> -1665, -1655, -1597, -1526, -1423, -1380, -
    1304, -1226, -1116, -899, -609, -418, -406, 554, 925, 1040,
    1044, 1197, 1398, 1901,
186      correct >> -1665, -1655, -1597, -1526, -1423, -1380
    , -1304, -1226, -1116, -899, -609, -418, -406, 554, 925, 1040
    , 1044, 1197, 1398, 1901,
187      Status: PASS
188      Test 38
189      original >> 1202, -1302, 1270, -280, -1613, 1458, -10
```

```
189 , 103, 186, -943, -952, 520, 403, -1352, 110, 670, -897, -
    1657, 828, -473,
190         sorted >> -1657, -1613, -1352, -1302, -952, -943, -
    897, -473, -280, -10, 103, 110, 186, 403, 520, 670, 828, 1202
    , 1270, 1458,
191         correct >> -1657, -1613, -1352, -1302, -952, -943, -
    897, -473, -280, -10, 103, 110, 186, 403, 520, 670, 828, 1202
    , 1270, 1458,
192         Status: PASS
193     Test 39
194         original >> -1904, -1222, -1786, -1276, 1115, -1772,
    1477, -1977, 902, 1725, -934, -363, -1279, 1991, -449, 1535,
    1517, 819, 1274, 1402,
195         sorted >> -1977, -1904, -1786, -1772, -1772, 1115, -
    1222, -934, -449, -363, 819, 902, 1115, 1274, 1402, 1477,
    1517, 1535, 1725, 1991,
196         correct >> -1977, -1904, -1786, -1772, -1279, -1276
    , -1222, -934, -449, -363, 819, 902, 1115, 1274, 1402, 1477,
    1517, 1535, 1725, 1991,
197         Status: FAIL
198     Test 40
199         original >> 905, -429, -1939, 105, 839, -1499, -486,
    788, -1627, -90, 519, -444, -902, 1925, -585, 55, -1103, -
    1945, -1025, 158,
200         sorted >> -1945, -1939, -1627, -1499, -1103, -1025, -
    902, -585, -486, -444, -429, -90, 55, 105, 158, 519, 788, 839
    , 905, 1925,
201         correct >> -1945, -1939, -1627, -1499, -1103, -1025
    , -902, -585, -486, -444, -429, -90, 55, 105, 158, 519, 788,
    839, 905, 1925,
202         Status: PASS
203     Test 41
204         original >> -180, 949, -1072, 836, 1365, 965, 925, -
    1965, 1927, -1615, 590, -1616, -258, -802, -1584, -472, -1105
    , 55, -531, -355,
205         sorted >> -1965, -1616, -1615, -1584, -1105, -1072, -
    802, -531, -472, -355, -258, -180, 55, 590, 836, 925, 949,
    965, -355, -531,
206         correct >> -1965, -1616, -1615, -1584, -1105, -1072
    , -802, -531, -472, -355, -258, -180, 55, 590, 836, 925, 949
    , 965, 1365, 1927,
```

```

207         Status: FAIL
208     Test 42
209         original >> 1854, -1645, -1841, 1935, -1495, 938, -
1812, 663, 294, 916, 782, -122, -1803, 869, -390, -1835, -640
, -373, -1832, 13,
210         sorted >> -1841, -1835, -1832, -1812, -1803, -1645, -
1495, -640, -390, -373, -122, 13, 294, 663, 782, 869, 916,
938, 1854, 1935,
211         correct >> -1841, -1835, -1832, -1812, -1803, -1645
, -1495, -640, -390, -373, -122, 13, 294, 663, 782, 869, 916
, 938, 1854, 1935,
212         Status: PASS
213     Test 43
214         original >> 756, 964, -178, -1369, -1580, 1633, 829
, -1666, 479, 515, -870, 1510, 1482, -921, 969, 545, -892,
820, -507, -989,
215         sorted >> -1666, -1580, -1369, -989, -921, -892, -870
, -507, -178, 479, 515, 545, 756, 820, 829, 964, 969, 1482,
1510, 1633,
216         correct >> -1666, -1580, -1369, -989, -921, -892, -
870, -507, -178, 479, 515, 545, 756, 820, 829, 964, 969, 1482
, 1510, 1633,
217         Status: PASS
218     Test 44
219         original >> -816, 1115, 1802, -677, -547, -1230, -214
, -1017, -368, 1383, -977, 1969, 984, 81, 459, -1805, -546,
426, -1382, 359,
220         sorted >> -1805, -1382, -1230, -1017, -977, -816, -
677, -547, -546, -368, -214, 81, 359, 426, 459, 984, 1115,
1383, 1802, 1969,
221         correct >> -1805, -1382, -1230, -1017, -977, -816, -
677, -547, -546, -368, -214, 81, 359, 426, 459, 984, 1115,
1383, 1802, 1969,
222         Status: PASS
223     Test 45
224         original >> 944, -998, 1559, 526, 1807, 1007, -1669,
2, 764, 1469, -1297, 293, 1461, -1048, -1825, -1995, 357, 512
, -1075, -1608,
225         sorted >> -1995, -1825, -1669, -1608, -1297, -1075, -
1048, -998, 2, 293, 357, 512, 526, 764, 944, 1007, 1461, 1469
, 1559, 1807,

```

```

226         correct >> -1995, -1825, -1669, -1608, -1297, -1075
        , -1048, -998, 2, 293, 357, 512, 526, 764, 944, 1007, 1461,
        1469, 1559, 1807,
227         Status: PASS
228     Test 46
229         original >> 131, -450, 640, -1978, -1632, 1624, 124,
        1820, 130, 1620, -1457, -158, -1546, 478, -867, -1838, -13, -
        1091, -764, 1179,
230         sorted >> -1978, -1838, -1632, -1546, -1457, -1091, -
        867, -764, -450, -158, -13, 124, 130, 131, 478, 640, 1179,
        1620, 1624, 1820,
231         correct >> -1978, -1838, -1632, -1546, -1457, -1091
        , -867, -764, -450, -158, -13, 124, 130, 131, 478, 640, 1179
        , 1620, 1624, 1820,
232         Status: PASS
233     Test 47
234         original >> -1002, -576, 1020, -600, 1027, 1927, 1970
        , -428, -898, 259, 149, -700, -530, -375, 1281, 334, -434,
        1640, 1899, -677,
235         sorted >> -1002, -898, -700, -677, -600, -576, -530
        , -898, -428, -375, 149, 259, 334, 1020, 1027, 1281, 1640,
        1899, 1927, 1970,
236         correct >> -1002, -898, -700, -677, -600, -576, -530
        , -434, -428, -375, 149, 259, 334, 1020, 1027, 1281, 1640,
        1899, 1927, 1970,
237         Status: FAIL
238     Test 48
239         original >> -616, -848, -666, 204, 1804, -181, -131,
        1578, -1635, 1562, 397, 1931, 1224, 87, -1692, -225, 286, -
        1782, 1812, 649,
240         sorted >> -1782, -1692, -1635, -848, -666, -616, -225
        , -181, -131, 87, 204, 286, 397, 649, 1224, 1562, 1578, 1804
        , 1812, 1931,
241         correct >> -1782, -1692, -1635, -848, -666, -616, -
        225, -181, -131, 87, 204, 286, 397, 649, 1224, 1562, 1578,
        1804, 1812, 1931,
242         Status: PASS
243     Test 49
244         original >> 1528, 294, -1891, -1117, 1127, 1995, 1933
        , 300, 1269, -1941, 461, -731, 308, -1672, -149, 87, 143,
        1791, 1467, -32,

```

```
245         sorted >> -1941, -1891, -1672, -1117, -731, -149, -32
      , 87, 143, 294, 300, 308, 461, 1127, 1269, 1467, 1528, 1791,
      1933, 1995,
246         correct >> -1941, -1891, -1672, -1117, -731, -149, -
      32, 87, 143, 294, 300, 308, 461, 1127, 1269, 1467, 1528, 1791
      , 1933, 1995,
247         Status: PASS
248     Test 50
249         original >> 1085, 606, -1958, -1249, 573, -797, -1266
      , -1472, -1849, 1655, -1081, -1528, -416, 1610, 641, 315, -
      476, 1047, -1926, -1861,
250         sorted >> -1958, -1926, -1861, -1849, -1528, -1472, -
      1266, -1249, -1081, -797, -476, -416, 315, 573, 606, 641,
      1047, 1085, 1610, 1655,
251         correct >> -1958, -1926, -1861, -1849, -1528, -1472
      , -1266, -1249, -1081, -797, -476, -416, 315, 573, 606, 641,
      1047, 1085, 1610, 1655,
252         Status: PASS
253
254 Process finished with exit code 0
```