**0538\_BB\_test\_results**

**The following document includes the outputs produced by the code using the 4566 test plan.**

**Code Results**

**0538 Code Following 4566 Test Plan**

**Test Case 1:**

Output:

Integer: 256

Boolean: True

The array that was used consisted of 9 positive integers in the following order : 20,10,41,3,4,1,24,8,10

Pass/Fail=Pass?

**Test case 2:**

Integer Array used: 1,2,3,-3,-2,-1,5,6,7

Output:

Integer:256

Boolean: True

Pass/Fail=Pass?

**Test Case 3:**

Integer Array used: 5,-3,8,6,-2,9,7,-1,10

Output:

Integer:216

Boolean: True

Pass/Fail=Pass?

**Test Case 4:**

Integer Array used: 108,0,107,192,1,108,200,2,109

Output:

Integer:231

Boolean: True

Pass/Fail=Pass?

**Test Case 5:**

Integer Array used: 5,8,9,2,3,10,11,12

Output:

Integer:216

Boolean: True

Pass/Fail=Pass?

**Test Case 6:**

Integer Array used: 1,2,3,4,6,7,8,9,0

Output:

Integer:216

Boolean: True

Pass/Fail=Pass?

**Test Case 7:**

Integer Array used: 1,2,3,4,5,6,7,8,9

Output:

Integer:201

Boolean: True

Pass/Fail=Pass?

**Test Case 8:**

Integer Array used: -1,-2,-3,-4,-5,-6,-7,-8,-9

Output:

Integer:291

Boolean: True

Pass/Fail=Pass?

**Test Case 9:**

Integer Array used: 0,0,0,0,0,0,0,0,0

Output:

Integer:201

Boolean: True

Pass/Fail=Pass?

**Test Case 10**

**Not a feasible test because the test plan requires the user to create an unsorted array of length MAXINT. System will take a lifetime to finish sorting.**

**Test Case 11:**

Test is unrelated and outside of the scope

**Test Case 12:**

Test is unrelated and outside of the scope

**Test Case 13:**

Test is unrelated and outside of the scope

**Test Case 14:**

Test is unrelated and outside of the scope

**Test Case 15:**

Test is unrelated and outside of the scope

**Test Case 16**:

Test is unrelated and outside of the scope

**Test Case 17:**

Test is unrelated and outside of the scope

**Test Case 18:**

Test is unrelated and outside of the scope

**Test Case 19:**

Test is unrelated and outside of the scope