## **INFO 6205**

## PROGRAM STRUCTURES AND ALGORITHMS FALL 2018

## ASSIGNMENT 5- TEST CASES SCREENSHOT

## Test Cases Screenshot for

1. BSTTest.java

```
hante som read acuta() i
              114
                                                                    final Map<String, Inte
Finished after 0.103 seconds
                                                        115
                                                                     map.put("Hello", 3);
                                                        116
                                                                     map.put("Goodbye", 5);
 Runs: 13/13 

■ Errors: 0

■ Failures: 0

                                                                     map.put("Ciao", 6);
                                                        117
                                                        118
                                                                     BSTdetail<String, Inte
                                                        119
                                                                     bst.putAll(map);
                                                        120
                                                                     System.out.println(bst
edu.neu.coe.info6205.symbolTable.BSTTest [Runner: JUnit 4]
                                                        121
                                                                     assertEquals(map.size(
    testPut0 (0.000 s)
                                                                 }
                                                        122
    testPut1 (0.000 s)
                                                        123
                                                        124⊖
                                                                 @Test
    testPut2 (0.000 s)
                                                        125
                                                                 public void testTraverse()
    testPut3 (0.000 s)
                                                        126
                                                                     BSTSimple<String, Inte
    testPutN (0.000 s)
                                                        127
                                                                     PrivateMethodTester te
    testDelete1 (0.000 s)
                                                       128
                                                                     Class[] classes = {Con
    testDelete2 (0.000 s)
                                                       129
                                                                     BSTSimple.Node node =
                                                                     tester.invokePrivate('
    testDelete3 (0.000 s)
                                                        130
                                                                     bst.put("X", 99);
                                                        131
    testDelete4 (0.000 s)
                                                                     bst.put("Z", 37);
                                                        132
    testPutAll (0.000 s)
                                                        133
    testTraverse (0.003 s)
                                                        134
                                                                     Queue<String> queue =
    testSetRoot1 (0.000 s)
                                                        135
                                                                     bst.inOrderTraverse((v
                                                        136
                                                                     assertEquals("X",queue
    testSetRoot2 (0.001 s)
                                                        137
                                                                     assertEquals("Y",queue
                                                        138
                                                                     assertEquals("Z",queue
                                                        139
                                                                     assertTrue(queue.isEmp
                                                        140
                                                                 }
                                                        141
```

Program Output screenshot

```
<terminated> BSTClient (1) [Java Application] C:\Program Files\Java\ji
```

```
Insert, Size:99, Depth: 11
Insert, Size:100, Depth: 11
Delete, Size:99, Depth: 11
Delete, Size:98, Depth: 11
Delete, Size:97, Depth: 11
Delete, Size:96, Depth: 11
Insert, Size:97, Depth: 11
Insert, Size:98, Depth: 11
Insert, Size:99, Depth: 11
Delete, Size:98, Depth: 11
Delete, Size:97, Depth: 11
Delete, Size:96, Depth: 11
Delete, Size:95, Depth: 11
Insert, Size:96, Depth: 11
Insert, Size:97, Depth: 11
Insert, Size:98, Depth: 11
Insert, Size:99, Depth: 11
Delete, Size:98, Depth: 11
Delete, Size:97, Depth: 10
Insert, Size:98, Depth: 10
Delete, Size:97, Depth: 9
Insert, Size:98, Depth: 9
Delete, Size:97, Depth: 9
```