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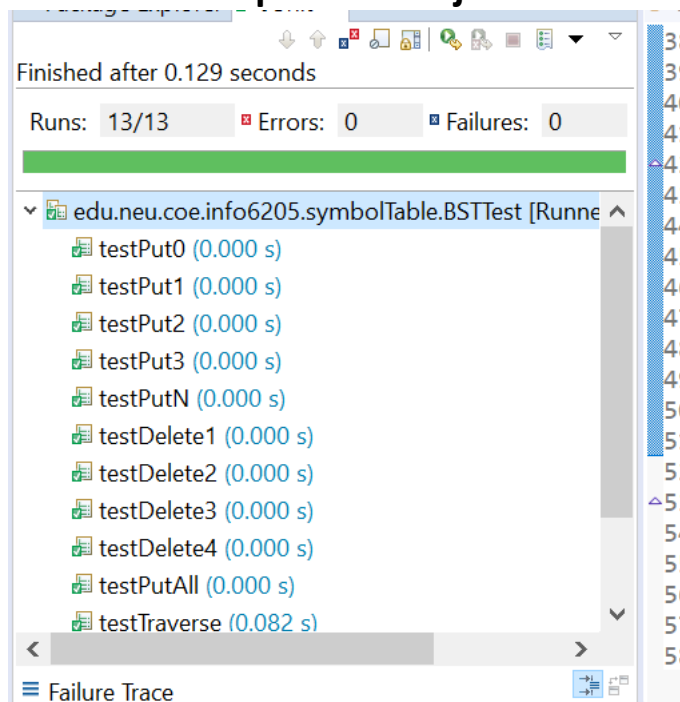# INFO 6205
Program Structures & Algorithms
Fall 2018
Assignment 5 – Test Cases and Outputs

Binary Search Tree test cases and output screenshots for bst.java(Test File), and BSTClient.java(Output File).

Test Case: Eclipse for bst.java

OUTPUT: Eclipse
Result: n = number of nodes in a tree. The result is for smaller values of n.

```
<terminated> BSTClient [Java Application] C:\Program Files\Java\jre1.8.0
Insertion: 102 12
Deletion: 101 12
Deletion: 100 12
Deletion: 99 12
Insertion: 100 12
Deletion: 99 12
Insertion: 100 12
Insertion: 101 12
Deletion: 100 12
Insertion: 101 12
Insertion: 102 12
Deletion: 101 12
Insertion: 102 12
Insertion: 103 12
Insertion: 104 12
Deletion: 103 12
Insertion: 104 12
Insertion: 105 12
Insertion: 106 12
Insertion: 107 12
Insertion: 108 12
Deletion: 107 12
```

OUTPUT: Eclipse

Result: n = number of nodes in a tree. The result is for larger values of n.

```
<terminated> BSTClient [Java Application] C:\Program Files\Java\jre1.8.0_181\bin\javaw.exe
Deletion: 1001 25
Deletion: 1000 25
Deletion: 999 25
Insertion: 1000 25
Insertion: 1001 25
Deletion: 1000 25
Insertion: 1001 25
Deletion: 1000 25
Insertion: 1001 25
Insertion: 1002 25
Deletion: 1001 25
Insertion: 1002 25
Insertion: 1003 25
Deletion: 1002 25
Insertion: 1003 25
Deletion: 1002 25
Insertion: 1003 25
Deletion: 1002 25
Deletion: 1001 25
Deletion: 1000 25
Deletion: 999 25
Deletion: 998 25
Insertion: 999 25
Deletion: 998 25
Deletion: 997 25
Insertion: 998 25
Insertion: 999 25
Deletion: 998 25
File Created
```