**Test Cases:**

Binary Search Tree:

* Inputs: 100
* Numbers: 1-100
* Function: insert
* Reason: Initial Test
* Worked? Yes

Binary Search Tree:

* Inputs: 10000
* Numbers: 1-10000
* Function: insert
* Reason: Medium Numbers Test
* Worked? Yes

Binary Search Tree:

* Inputs: 1000000
* Numbers: 1 – 1000000
* Function: insert
* Reason: High Numbers Test
* Worked? Yes

Binary Search Tree:

* Inputs: 1000000
* Numbers: Random
* Function: insert
* Reason: Random Numbers Test
* Worked? Yes

Binary Search Tree:

* Inputs: 1000000
* Numbers: Random
* Function: remove
* Reason: Random Numbers Test
* Worked? Yes

Binary Search Tree:

* Inputs: 1
* Letter: “a”
* Function: insert
* Reason: Invalid Input Test
* Worked? No

AVL Tree:

* Inputs: 100
* Numbers: 1-100
* Function: insert
* Reason: Initial Test
* Worked? Yes

AVL Tree:

* Inputs: 10000
* Numbers: 1-10000
* Function: insert
* Reason: Medium Numbers Test
* Worked? Yes

AVL Tree:

* Inputs: 1000000
* Numbers: 1 – 1000000
* Function: insert
* Reason: High Numbers Test
* Worked? Yes

AVL Tree:

* Inputs: 1000000
* Numbers: 1 – 1000000
* Function: remove
* Reason: High Numbers Test
* Worked? Yes

AVL Tree:

* Inputs: 1
* Letter: “a”
* Function: insert
* Reason: Invalid Input Test
* Worked? No

AVL Tree:

* Inputs: 1000000
* Numbers: Random
* Function: insert
* Reason: Random Numbers Test
* Worked? Yes

Red-Black Tree:

* Inputs: 100
* Numbers: 1-100
* Function: insert
* Reason: Initial Test
* Worked? Yes

Red-Black Tree:

* Inputs: 10000
* Numbers: 1-10000
* Function: insert
* Reason: Medium Numbers Test
* Worked? Yes

Red-Black Tree:

* Inputs: 1000000
* Numbers: 1 – 1000000
* Function: insert
* Reason: High Numbers Test
* Worked? Yes

Red-Black Tree:

* Inputs: 1000000
* Numbers: 1 – 1000000
* Function: remove
* Reason: High Numbers Test
* Worked? Yes

Red-Black Tree:

* Inputs: 1
* Letter: “a”
* Function: insert
* Reason: Invalid Input Test
* Worked? No

Red-Black Tree:

* Inputs: 1000000
* Numbers: Random
* Function: insert
* Reason: Random Numbers Test
* Worked? Yes