**Project 2:: AVL/BST Compare w/Inheritance**

All values are in milliseconds

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | ***Insertions*** | | |  |
| ***N*** | ***1000*** | ***10000*** | ***100,000*** | ***1,000,000*** |
| ***BST*** | *0* | *4* | *48* | *473* |
| ***AVL*** | *0* | *7* | *84* | *864* |
|  |  |  |  |  |
|  |  |  |  |  |
|  | ***Removals*** | | |  |
| ***N*** | ***1000*** | ***10000*** | ***100,000*** | ***1,000,000*** |
| ***BST*** | *0* | *2* | *26* | *95* |
| ***AVL*** | *0* | *3* | *46* | *168* |
|  |  |  |  |  |
|  |  |  |  |  |
|  | ***Totals*** | | |  |
| ***N*** | ***1000*** | ***10000*** | ***100,000*** | ***1,000,000*** |
| ***BST*** | *0* | *6* | *74* | *568* |
| ***AVL*** | *0* | *10* | *130* | *1032* |