

# BST VS AVL

## SEARCH TIME COMPARISON

```
deviant@Deviant: /mnt/d/Rer  X  +  v
deviant@Deviant:/mnt/d/Remote/Data-Structures_Assignment_02$ g++ BST.cpp -o test
deviant@Deviant:/mnt/d/Remote/Data-Structures_Assignment_02$ ./test
BST Tree
Time elapsed - 10 : 21 microseconds

Time elapsed - 100 : 32 microseconds

Time elapsed - 1000 : 47 microseconds

Time elapsed - 5000 : 65 microseconds

Time elapsed - 10000 : 85 microseconds

Time elapsed - 50000 : 47 microseconds

Time elapsed - 100000 : 27 microseconds

deviant@Deviant:/mnt/d/Remote/Data-Structures_Assignment_02$ g++ AVL.cpp -o test
deviant@Deviant:/mnt/d/Remote/Data-Structures_Assignment_02$ ./test
AVL Tree
Time elapsed - 10 : 13 microseconds

Time elapsed - 100 : 23 microseconds

Time elapsed - 1000 : 29 microseconds

Time elapsed - 5000 : 38 microseconds

Time elapsed - 10000 : 43 microseconds

Time elapsed - 50000 : 24 microseconds

Time elapsed - 100000 : 23 microseconds
```

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## SEARCH TIME COMPARISON

