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CSCI 2226-01

Homework 1

1. **Which functions operate in constant time: O(constant)?**

size(), isFull(), insert( char ch)

1. **Which functions operate in logarithmic time: O(log(n))?**

none

1. **Which functions operate in linear time: O(n)?**

find( char c), print( ostream& out), remove(int k)

1. **Which functions operate in constant time: O(constant)?**

size(), isFull(),

1. **Which functions operate in logarithmic time: O(log(n))?**

find();

1. **Which functions operate in linear time: O(n)?**

insert(), remove(), print()