

Name: *Matt Moore*

Assignment: 5

## Submission and Compilation

- Builds and Compiles Successfully

Complete & Correct: 25/25

- Unit Test Results:

```
[=====] Running 20 tests from 4 test suites.
[-----] Global test environment set-up.
[-----] 6 tests from BasicArrayCollectionTest
[ RUN      ] BasicArrayCollectionTest.CorrectSize
[ OK       ] BasicArrayCollectionTest.CorrectSize (0 ms)
[ RUN      ] BasicArrayCollectionTest.SimpleFind
[ OK       ] BasicArrayCollectionTest.SimpleFind (0 ms)
[ RUN      ] BasicArrayCollectionTest.SimpleRemove
[ OK       ] BasicArrayCollectionTest.SimpleRemove (0 ms)
[ RUN      ] BasicArrayCollectionTest.SimpleRange
[ OK       ] BasicArrayCollectionTest.SimpleRange (0 ms)
[ RUN      ] BasicArrayCollectionTest.SimpleSort
[ OK       ] BasicArrayCollectionTest.SimpleSort (0 ms)
[ RUN      ] BasicArrayCollectionTest.AddToFront
[ OK       ] BasicArrayCollectionTest.AddToFront (0 ms)
[-----] 6 tests from BasicArrayCollectionTest (0 ms total)

[-----] 5 tests from BasicBinSearchCollectionTest
[ RUN      ] BasicBinSearchCollectionTest.CorrectSize
[ OK       ] BasicBinSearchCollectionTest.CorrectSize (0 ms)
[ RUN      ] BasicBinSearchCollectionTest.SimpleFind
[ OK       ] BasicBinSearchCollectionTest.SimpleFind (0 ms)
[ RUN      ] BasicBinSearchCollectionTest.SimpleRemove
[ OK       ] BasicBinSearchCollectionTest.SimpleRemove (0 ms)
[ RUN      ] BasicBinSearchCollectionTest.SimpleRange
[ OK       ] BasicBinSearchCollectionTest.SimpleRange (0 ms)
[ RUN      ] BasicBinSearchCollectionTest.SimpleSort
[ OK       ] BasicBinSearchCollectionTest.SimpleSort (0 ms)
[-----] 5 tests from BasicBinSearchCollectionTest (0 ms total)

[-----] 5 tests from BinSearchCollection
[ RUN      ] BinSearchCollection.AddToFront
[ OK       ] BinSearchCollection.AddToFront (0 ms)
[ RUN      ] BinSearchCollection.AddToEnd
[ OK       ] BinSearchCollection.AddToEnd (0 ms)
[ RUN      ] BinSearchCollection.AddToMid
[ OK       ] BinSearchCollection.AddToMid (0 ms)
[ RUN      ] BinSearchCollection.RemoveFront
[ OK       ] BinSearchCollection.RemoveFront (0 ms)
[ RUN      ] BinSearchCollection.RemoveMid
[ OK       ] BinSearchCollection.RemoveMid (0 ms)
[-----] 5 tests from BinSearchCollection (0 ms total)

[-----] 4 tests from ArrayListCollection
[ RUN      ] ArrayListCollection.AddToEnd
[ OK       ] ArrayListCollection.AddToEnd (0 ms)
[ RUN      ] ArrayListCollection.AddToMid
[ OK       ] ArrayListCollection.AddToMid (0 ms)
[ RUN      ] ArrayListCollection.RemoveFront
[ OK       ] ArrayListCollection.RemoveFront (0 ms)
[ RUN      ] ArrayListCollection.RemoveMid
[ OK       ] ArrayListCollection.RemoveMid (0 ms)
[-----] 4 tests from ArrayListCollection (0 ms total)

[-----] Global test environment tear-down
[=====] 20 tests from 4 test suites ran. (0 ms total)
```

[ PASSED ] 20 tests.

- Performance Tests:
  - Test 1: Finished in 24.7595 s
  - Test 2: Finished in 24.2085 s
  - Test 3: Finished in 24.1582 s
  - Test 4: Finished in 24.1585 s
  - Test 5: Finished in 24.3589 s

**Testing:** 5/5

**Format and Comments:** 5/5

**Discussion and Analysis:** 2/5

- Big-O table missing

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**Total Score:** 37/40

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