

**Do you want to:**

**1) run all the tests together**

**2) run a single test**

**Enter 1 or 2: 1**

**Running tests for bag class**

**START OF TEST 1:**

**Testing insert and the constant member functions (60 points).**

**A. Testing size and count for an empty bag.**

**Test passed.**

**B. Adding the number 4 to the bag, and then testing  
size and count.**

**Test passed.**

**C. Inserting the number 2 into the bag.  
Then checking size and count.**

**Test passed.**

**D. Inserting the number 1 into the bag.  
Then checking size and count.**

**Test passed.**

**E. Inserting the number 3 into the bag.  
Then checking size and count.**

**Test passed.**

**F. Inserting another 2 into the bag.  
Then checking size and count.**

**Test passed.**

**G. Inserting the numbers 5, 6, and 7 into the bag.  
Then checking size and count.**

**Test passed.**

**H. Inserting 3000 random items between 0 and 49  
and then checking size and count.**

**Test passed.**

**Test 1 got 60 points out of a possible 60.**

**END OF TEST 1.**

**START OF TEST 2:**

**Testing the copy constructor (10 points).**

**A. Testing that copy constructor works okay for empty bag...Test passed.**

**B. Testing copy constructor with 4-item bag...Test passed.**

**Copy constructor seems okay.**

**Test 2 got 10 points out of a possible 10.**

**END OF TEST 2.**

**START OF TEST 3:**

**Testing the assignment operator (10 points).**

**A. Testing that assignment operator works okay for empty bag...Test passed.**

**B. Testing assignment operator with 4-item bag...Test passed.**

**Assignment operator seems okay.**

**Test 3 got 10 points out of a possible 10.**

**END OF TEST 3.**

**START OF TEST 4:**

**Testing erase and erase\_one functions (20 points).**

**Testing removal from empty bag (should have no effect) ...Test passed.**

**Inserting these: 8 6 10 1 7 10 15 3 13 2 5 11 14 4 12**

**Test passed.**

**Removing 0 (which is not in bag, so bag should be unchanged) ...Test passed.**

**Removing the 6 ...Test passed.**

**Removing one 10 ...Test passed.**

**Removing the 1 ...Test passed.**

**Removing the 15 ...Test passed.**

**Removing the 5 ...Test passed.**

**Removing the 11 ...Test passed.**

**Removing the 3 ...Test passed.**

**Removing the 13 ...Test passed.**

**Removing the 2 ...Test passed.**

**Removing the 14 ...Test passed.**

**Removing the 4 ...Test passed.**

**Removing the 12 ...Test passed.**

**Removing the 8 ...Test passed.**

**Removing the 7 ...Test passed.**

**Inserting more 10's ...Removing all 10's ...Test passed.**

**Erase and erase\_one functions passed my tests.**

**Test 4 got 20 points out of a possible 20.**

**END OF TEST 4.**

**If you submit this List now, you will have**

**100 points out of the 100 points from this test program.**

**Program ended with exit code: 0**