## Collections & Implementaitons Interfaces, Classes, Iterators, JavaDoc, and Testing

CSE 373 Data Structures Winter 2007























































## **Inside Test Methods**

• Inherited from TestCase; typical ones include assertEquals(expected, actual) assertEquals(expected, actual, delta) // doubles assertTrue(condition) assertFalse(condition) assertNull(object) assertNotNull(object) Fail("message") // generate failure if control // should not reach a particular point // (example: expected exception not thrown) CSE 373 Wi 07 - Collections & Java Best Practices 31

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## **Unit Test Strategy**

- Define tests before or as you write code
- Add and run tests each time you add something small to the code
- Rerun tests to verify nothing broken after changes
- If a bug is detected, create a test to demonstrate it, fix it, then keep the test forever as part of the test suite

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