More testing and Bag implementation

1/13/16
Announcements

• Reading: For Friday: Java interlude 2 and beginning of Chapter 3 (pp. 95-111)

• HW due tonight

• Extra credit opportunity: MLK day convocation

• Quiz on Friday: Writing test cases on paper. Small class or a single method. 10-15 minutes at the end of the period
Go over the lab
Which of the following lines has a bug? (E: not exactly one of the above)

```java
public boolean remove(T s) {
    //removes s if it occurs (returns whether it did)
    for(int i = 0; i < num; i++) //A
        if(vals[i] == s) { //B
            vals[i] = vals[num-1]; //C
            num--; //D
            return true;
        }
    return false;
}
```

return false;
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    //removes s if it occurs (returns whether it did)
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    return false;
```
Calling code with exceptions

```java
try {
    //do stuff that may generate exceptions
} catch(ExceptionType ex) {
    //handle the exception
} catch(AnotherExceptionType ex) {
    //handle another kind of exception
}
```
Throwing an exception

public void method(...) throws ExceptionType {
    ...
    throw new ExceptionType(...);
    ...
}