

CMSC 131

Fall 2018



Announcements

Project #5 has been posted

Complex Example, continued...

Take a look at the three getters in the CDCollectionOwner class.

- Let's draw memory diagrams.
- Do any generate memory leaks?
- Which one is best?

Now let's do the same analysis for the RewriteableCDCollectionOwner class.

Using a Debugger

What's a debugger?

Let's practice JUnit and learn about the Eclipse debugger by testing and debugging a mutable class called FancyWord. Here is the API:

```
public FancyWord(String word);
public String toString();
public void reverse();
public void shiftLeft();
public void shiftRight();
public void translateToGamerSpeak();
```