

The image features a background of a circuit board with various traces and circular components. A dark horizontal band runs across the middle of the image, serving as a backdrop for the text.

# CMSC 131

Fall 2018

# Announcements

- Project #5 due on Thursday
- Exam #2 in 12 days (Monday 11/19)

# WordArt Example

Let's look at this project:

1. WordStream interface
2. WordArt.Java
3. Now what kind of streams can we invent?
  - WordStreamFromFile.java
  - WordStreamFromKeyboard.java
  - WordStreamFromURL.java
  - RandomWordStream.java
4. Let's run the driver(s)!

# Method Overloading

What is method overloading?

Is this a bad idea?

Which of these pairs are OK?

<pre>public void foo(int x) public void foo(int y)</pre>	<pre>public void foo(int x) public void foo(long y)</pre>
<pre>public void foo(int x) public int foo(int y)</pre>	<pre>public void foo(int x, long y) public void foo(long x, int y) [This can be tricky!]</pre>
<pre>public void foo(int x, String y) public void foo(String x, int y)</pre>	

# Ternary Operator

What are some unary operators?

What are some binary operators?

There is just one ternary operator:

$X ? Y : Z$

X must be a boolean expression

Y and Z must have similar types

What does this operator do?

Examples: