Announcements, Reminders

• **Programming Assignment 1** (P1) due February 1st (today!) by 11:59 PM
• Creative Project 2 (C2) out later tonight; due February 8th
• **Grade Calculator** now available!
• Quiz 0 retake grades → don’t expect until after all retakes done; i.e. a bit after February 14th 😒
• Resubmission form for R2 releasing soon; due February 7th by 11:59 PM
  • (Eligible assignments: C0, P0, C1)
• February 8th: Mid-quarter assessment with Ken Yasuhara from ET&L
Methods with Parameters
- We pass values to methods
  - `System.out.println("Hello World!")`
  - `filburt.forward(75)`
  - `myString.charAt(3)`

Scope
- Variables & values can be used/modified only within a particular part of a program
- Values that can be used are deemed to be “within scope”
- Important for methods and parameters due to passing around information in between methods with different scope
Plan for Today

- **Methods with Parameters and Returns!** We pass values to methods and receive data back from them.

```java
String myString = "Mum! Dad! Bingo! Bluey!";
char c = myString.charAt(3); // '!
int len = myString.length(); // 23
int index = myString.indexOf('a'); // 6
String sub = myString.substring(10,16); // "Bingo!"
```
Plan for Today

- Method Header Set-up

```java
public static <type> methodName(param1, param2, ...) {
    // some kind of code, manipulating params
    // Must have a return! We made a promise!
    return <type>;
}
```