

March 11<sup>th</sup> from 3pm – 5pm  
Online test **in the classroom**  
(WPEB 100)  
No hats or sunglasses

# Midterm Review

ERIN KEITH

# Midterm Structure

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Topic	Points Possible	Points Received
Testing	20	
Unit Testing	15	
Integration	10	
Mocking	5	
<b>Total</b>	<b>40</b>	

# Testing

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- What are some of the costs of software bugs?
- What does testing improve?
- How has testing changed your coding practices so far?

# Unit Testing

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- What are the purposes of unit testing?
- What should not be included in unit tests?
- What kinds of coverage are there?
- For the following class, provide a unit test which exemplifies each of the kinds of coverage.

# Integration Testing

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- What is the purpose of integration testing?
- What are the different integration test strategies?

# Mocking

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- What is Mocking and how is it used when testing?