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Module Three Announcement

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Welcome everyone to Module Three of CS-320 Software Test Automation and QA,

We begin writing code this module which is what you've all been waiting for!

Module Three focuses on writing JUnit tests.



<https://junit.org/junit5/>

You will start to develop software and JUnit tests per the milestone requirements. It is critical to get off to a good start in writing your JUnit tests for the final project.

The following Module Three Resources are MUST READS:

Mastering Software Testing with JUnit 5 Chapter 3

Boni García

Mastering Software Testing with JUnit 5

Comprehensive guide to develop high quality
Java applications



Packt

Mastering Software Testing with JUnit 5 Chapter 6

JUnit - Test Framework

JUnit Tutorial (8:16)

JUnit Tutorial



For the Module Three assignment, below are typical areas that will need to be tested for the contact object and contact service:

- Contact object:
 - Test creating a contact object
 - Test if an error occurs if the contact ID is too long
 - Test if an error occurs if the contact first and last names are too long
 - Test if an error occurs if the contact address is too long
 - Test if an error occurs if the phone number is not exactly 10 digits
- Contact service:
 - Test adding a single contact
 - Test adding multiple contacts
 - Test if an error occurs when adding a contact with a duplicate ID
 - Test adding and getting a contact back from the contact service
 - Test updating a contact
 - Test deleting a contact

Submit the Module 3 milestone by Sunday.

Post your initial response to this week's discussion by Thursday and respond to your peers by Sunday.

Rob