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Module Five Announcement

Posted Nov 24, 2025 12:01 AM

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

In the last two modules, you learned how to write tests to verify and validate requirements for your Contact and Task classes. This work will continue in this module with the Appointment object and Appointment service. After writing unit tests for Modules Three and Four, you may have noticed a pattern in testing per requirements. In many cases, some of the tests for each exercise will be similar. However, Module Five introduces a new variable with dates and how to test if a date is in the past. You will also be reflecting on the milestone assignments you have completed in a journal assignment by describing software testing techniques used. Be sure to incorporate any feedback that you have received on any previous milestone assignments before submitting Project One next week in Module Six.

Here is what is happening for the week. Please follow the recommended plan for completing the reading assignments and activities within the module. Additional information can be found in the module Resources section and on the module table of contents page.

- Review the Module Five resources: JUnit Tutorial: Setting Up, Writing, and Running Java Unit Tests

```
package examples.nbank;
```

```
public class Conversion {
```

```
    public double tempConversion (double temperature, String unit) {
```

```
        if (unit.equals("F"))
```

```
            return (temperature - 32) * (5.0/9.0);
```

```
        else
```

```
            return (temperature * (9.0/5.0)) + 32;
```

```
    }
```

```
}
```

```
package example
```

```
1import static c
```

```
2import org.juni
```

```
3public class Cc
```

```
4@Test
```

```
    public void
```

```
        // Give
```

```
6    Convers
```

```
        // When
```

```
7    double
```

```
        String
```

```
8    double
```

```
        // Ther
```

```
9    assert
```

```
    }
```

```
}
```

- Submit the Module Five milestone by Sunday. PLEASE use the following coding hint: *Note: Use java.util.Date for the appointmentDate field and use before(new Date()) to check if the date is in the past.*
- Complete the Module Five journal by Sunday
- Review Project One (due in Module Six) Guidelines and Rubric

Let me know if you have any questions.

Rob