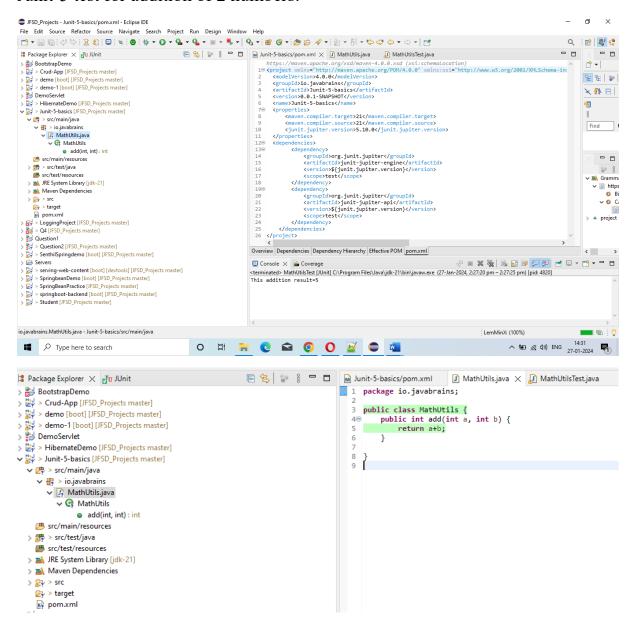
Junit-5 Test Practice Assignment: 22<sup>nd</sup> January 2024

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ISTE: 40, LMS id: std71

Junit-5 test for addition of 2 numbers:



```
₽ Package Explorer × Tu JUnit
                                                                🕒 😒 🖁 🤻 🗖 🗎 📓 Junit-5-basics/pom.xml 🔃 MathUtils.java 🔬 MathUtilsTest.java 🗶
> 👺 BootstrapDemo
                                                                                             package io.javabrains;
> Krud-App [JFSD_Projects master]
                                                                                          ြ 3⊕ import static org.junit.jupiter.api.Assertions.*;
> May / Projects master]
> @ > demo-1 [boot] [JFSD_Projects master]
                                                                                             7 class MathUtilsTest {
> 👺 DemoServlet
> HibernateDemo [JFSD_Projects master]
                                                                                           9⊝
                                                                                                     @Test
void test() {
    MathUtils mathutils = new MathUtils();
    int result = mathutils.add(2, 3);
    System.out.println("This addition result="+result);
✓ Sylvanit-5-basics [JFSD_Projects master]
                                                                                            11

▼ ②

→ Src/main/java

     ✓ ∰ > io.javabrains
✓ 🎝 MathUtils.java

→ ♠ MathUtils

                                                                                           15
                                                                                           16 }
17
                add(int, int) : int
     # src/main/resources
   > 🚌 > src/test/java
     src/test/resources
   > A JRE System Library [jdk-21]
   > Maven Dependencies
   > 🚌 > src
     🚁 > target
     pom.xml
```

## Assertequal()

```
☑ MathUtils.java
☑ MathUtilsTest.java ×
Finished after 0.571 seconds
                                                                                               package io.javabrains;

☐ Failures: 1
 Runs: 1/1
                             Errors: 0
                                                                                             3⊕ import static org.junit.jupiter.api.Assertions.*;[
                                                                                               class MathUtilsTest {

▼ MathUtilsTest [Runner: JUnit 5] (0.312 s)

                                                                                                    void test() {
    MathUtils mathutils = new MathUtils();
    int result = mathutils.add(2, 3);
    assertEquals(4, result, "2 + 3 should equal 5");
    System.out.println("This addition result="+result);
}
     test() (0.312 s)
                                                                                           11
12
                                                                                           14
15
                                                                                          16
17 }
                                                                                           18
```