Example Of Annotations:

```java
import static org.junit.Assert.assertEquals;
import static org.junit.Assert.assertFalse;
import java.util.ArrayList;
import org.junit.After;
import org.junit.AfterClass;
import org.junit.Before;
import org.junit.BeforeClass;
import org.junit.Ignore;
import org.junit.Test;
public class test {
private ArrayList<String> list;
@BeforeClass
public static void m1() {
System.out.println("Using @BeforeClass , executed before all test cases ");

}
@Before
public void m2() {
list = new ArrayList<String>();
System.out.println("Using @Before annotations ,executed before each test cases ");

}
@AfterClass
public static void m3() {
System.out.println("Using @AfterClass ,executed after all test cases");

}
@After
public void m4() {
list.clear();
System.out.println("Using @After ,executed after each test cases");

}
@Test
public void m5() {
list.add("test");
assertFalse(list.isEmpty());
assertEquals(1, list.size());
}
@Ignore
public void m6() {
System.out.println("Using @Ignore , this execution is ignored");

}
@Test(timeout = 10)
public void m7() {
```

```java
        System.out.println("Using @Test(timeout),it can be used to enforce timeout in
        JUnit4 test case");
    }
}
```

Example Of Assert:

```java
import static org.junit.Assert.*;
import org.junit.Test;

public class Junit4AssertionTest {

    @Test
    public void testAssert(){

        //Variable declaration
        String string1="Junit";
        String string2="Junit";
        String string3="test";
        String string4="test";
        String string5=null;
        int variable1=1;
        int  variable2=2;
        int[] airethematicArrary1 = { 1, 2, 3 };
        int[] airethematicArrary2 = { 1, 2, 3 };

        //Assert statements
        assertEquals(string1,string2);
        assertSame(string3, string4);
        assertNotSame(string1, string3);
        assertNotNull(string1);
        assertNull(string5);
        assertTrue(variable1<variable2);
        assertArrayEquals(airethematicArrary1, airethematicArrary2);

    }
}
```

Example of Test Suite:

SuiteTest1.java

```java
import org.junit.Assert;
import org.junit.Test;

public class SuiteTest2 {
```

```java
    @Test
    public void createAndSetName() {
        String expected = "Y";
        String actual = "Y";
        Assert.assertEquals(expected, actual);
        System.out.println("Suite Test 1 is successful " + actual);

    }
}
```

JunitTest.java

```java
import org.junit.runner.RunWith;
import org.junit.runners.Suite;
import org.junit.runners.JUnitcore;

@RunWith(Suite.class)
@Suite.SuiteClasses({
  SuiteTest1.class,
  SuiteTest2.class,
})

public class JunitTest {
                //placeholder for other test classes
}
```