Debug with Assert class

How to debug code with the Assert class?

There are numerous Apex debugging methods mentioned in the following post: Apex Debugging

However, **debugging with the Assert class is a straightforward and efficient way to debug both Apex and Apex Unit Tests.**

```apex
@IsTest
static void myTestMethod() {
    Account acc = [SELECT Id, Name FROM Account WHERE Name = 'TestAcc'];

    Assert.areEqual(new Account(), acc); // This will fail, and you will see the value

    List<Contact> contacts = MyController.getAccountContacts(acc.Id);

    ...
}
```

beyond
the cloud

```
System.AssertException: Assertion Failed:
Expected: Account:{},
Actual: Account:{Id=0013M00001HrGndQAF, Name=Beyond The Cloud}
```

Why can it be useful?

- **Debug Unit Test** - You can view System.debug statements in Apex, but not in Apex Unit Tests. Adding an Assert statement allows you to inspect the variable values.
- **Debug in CICD** - Encounter issues in your CI/CD process? Tests work in the development environment but fail during deployment? Adding an Assert statement can help you debug these issues.