```java
package verificationInTestNg;

import org.testng.Assert;
import org.testng.Reporter;
import org.testng.annotations.Test;

public class AssertEqualsUse {
 @Test
 public void myMethod()
 {

        String a="Pune";
        String b="Pune";

        //Assert.assertEquals(a, b,"actual and expected are not equal");

        Assert.assertNotEquals(a, b, "actual and expected are equal");
        Reporter.log("actual and expected are not equal, TC is passed",true);

 }
}
```

```java
package verificationInTestNg;

import org.testng.Assert;
import org.testng.Reporter;
import org.testng.annotations.Test;

public class AssertTrueUse {
 @Test
 public void myMethod()
 {
        boolean a = true;
        boolean b = false;

        // TC should pass if value is true

//      Assert.assertTrue(b,"TC is failed value is FALSE");
//      Reporter.log("TC is passed value is true",true);

       // TC should pass if value is false

        Assert.assertFalse(a,"TC is failed value is True");
        Reporter.log("TC is passed value is false",true);
 }
```

```
}
```

```
package verificationInTestNg;

import static org.testng.Assert.assertNotNull;

import org.testng.Assert;
import org.testng.Reporter;
import org.testng.annotations.Test;

public class AssertNullUse {
 @Test
 public void myMethod()
 {
        String a=null;
        String b="abc";

        //if text is null then Tc is passed

//      Assert.assertNull(b, "TC is failed value is not null");
//      Reporter.log("TC is passed value is null", true);

        Assert.assertNotNull(b,"TC is failed value is null");
        Reporter.log("TC is passed value is not null",true);
        Assert.fail();
 }
}
```

Drawback of Hard assert

```
package verificationInTestNg;

import org.testng.Assert;
import org.testng.Reporter;
import org.testng.annotations.Test;

public class HardAssert {
 @Test
 public void myMethod()
 {
        String a="abc";
        String b="abc";

        Assert.assertEquals(a, b,"values are not equal TC is failed");
        Reporter.log("values are equal TC is passed", true);
```

```
        Assert.assertNull(a,"Value is not null");
        Reporter.log("Value is null TC passed",true);

 }
}
```

Soft assert use

```
package verificationInTestNg;


import org.testng.Assert;

import org.testng.Reporter;

import org.testng.annotations.Test;

import org.testng.asserts.SoftAssert;


public class SoftAssertUse {

 @Test

 public void myMethod() {

        String a="abc";

        String b=null;


        SoftAssert soft= new SoftAssert();// created object of Soft assert


        soft.assertEquals(a,b,"TC is faild values are not matching");

        //Reporter.log("TC is passed values are matching", true);


        soft.assertNotNull(b,"TC is failed value is null");

       //  Reporter.log("TC is passed value is null",true);



        soft.assertAll();

 }
```

```
}
```