TESTNG - IGNORE TEST

Sometimes, it happens that our code is not ready and the test case written to test that method/code fails. In such cases, annotation *@Testenabled = false* helps to disable this test case.

If a test method is annotated with *@Testenabled = false*, then the test case that is not ready to test is bypassed.

Now, let's see @Test*enabled = false* in action.

Create a Class

- Create a java class to be tested, say, MessageUtil.java in **C:\>TestNG_WORKSPACE**.

```
/*
* This class prints the given message on console.
*/

public class MessageUtil {

   private String message;

   //Constructor
   //@param message to be printed
   public MessageUtil(String message){
      this.message = message;
   }

   // prints the message
   public String printMessage(){
      System.out.println(message);
      return message;
   }

   // add "Hi!" to the message
   public String salutationMessage(){
      message = "Hi!" + message;
      System.out.println(message);
      return message;
   }
}
```

Create Test Case Class

- Create a java test class, say, IgnoreTest.java.
- Add test methods, testPrintMessage, and, testSalutationMessage, to your test class.
- Add an Annotation @Test*enabled = false* to the method testPrintMessage.

Create a java class file named IgnoreTest.java in **C:\>TestNG_WORKSPACE**.

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

public class IgnoreTest {
   String message = "Manisha";
   MessageUtil messageUtil = new MessageUtil(message);

   @Test(enabled = false)
   public void testPrintMessage() {
      System.out.println("Inside testPrintMessage()");
      message = "Manisha";
   Assert.assertEquals(message, messageUtil.printMessage());
```

```
   }

   @Test
   public void testSalutationMessage() {
      System.out.println("Inside testSalutationMessage()");
      message = "Hi!" + "Manisha";
      Assert.assertEquals(message, messageUtil.salutationMessage());
   }
}
```

Create testng.xml

Create testng.xml in **C:\>TestNG_WORKSPACE** to execute test cases.

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE suite SYSTEM "http://testng.org/testng-1.0.dtd" >

<suite name="Suite1">
  <test name="test1">
    <classes>
       <class name="IgnoreTest" />
    </classes>
  </test>
 </suite>
```

Compile the MessageUtil and test case classes using javac.

```
C:\TestNG_WORKSPACE>javac MessageUtil.java IgnoreTest.java
```

Now, run the testng.xml, which will not run testPrintMessage the test case defined in provided the Test Case class.

```
C:\TestNG_WORKSPACE>java -cp "C:\TestNG_WORKSPACE" org.testng.TestNG testng.xml
```

Verify the output. testPrintMessage test case is not tested.

```
Inside testSalutationMessage()
Hi!Manisha

===============================================
Suite1
Total tests run: 1, Failures: 0, Skips: 0
===============================================
```

You can also ignore a group of tests, which will be discussed in the next chapter.