

testng.xml

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE suite SYSTEM "http://testng.org/testng-1.0.dtd">
<suite name="All Test Suite">
  <test verbose="2" preserve-order="true"
    name="C:/Users/pa.puja/IdeaProjects/Selenium
testing/src/Selenium">
    <classes>
      <class name="testNG_prog"/>
      <class name="testNG3"/>
    </classes>
  </test>
</suite>
```

2test class files created

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

public class testNG_prog{

    //@Test(groups = {"vowel"})
    public void a()
    {
        System.out.println("A");
    }
    @Test
    public void b()
    {
        System.out.println("B");
    }
    @Test
    public void c()
    {
        System.out.println("C");
    }
}
```

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

public class testNG3 {
    @Test
    public void d()
    {
        System.out.println("D");
    }
    //@Test(groups={"vowel"})
    public void e()
    {
        System.out.println("E");
    }
    @Test
    public void f()
    {
        System.out.println("F");
    }
}
```

Final Console Output (in a .txt file)

A

B

C

D

E

F

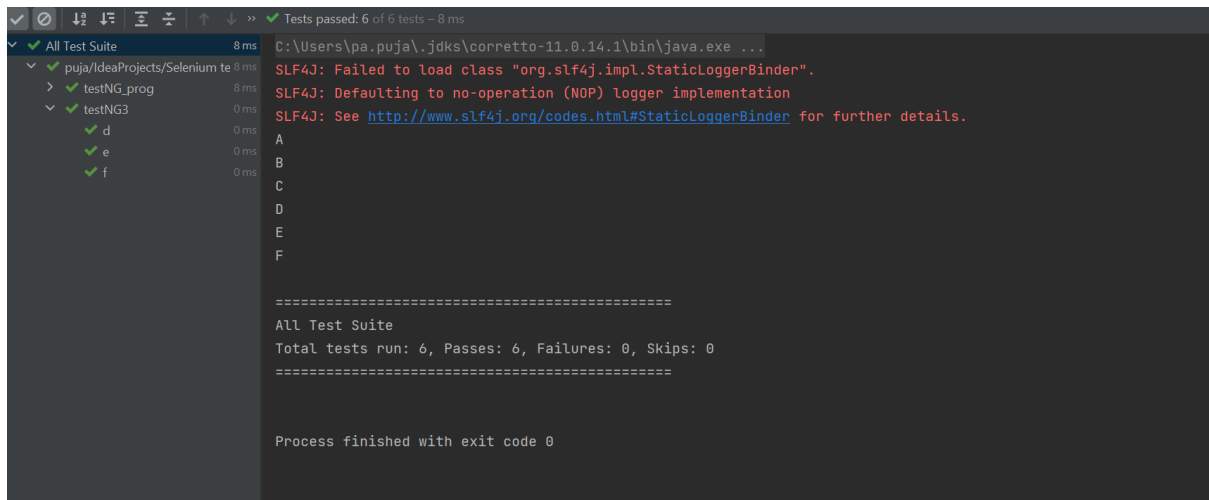
=====

All Test Suite

Total tests run: 6, Passes: 6, Failures: 0, Skips: 0

=====

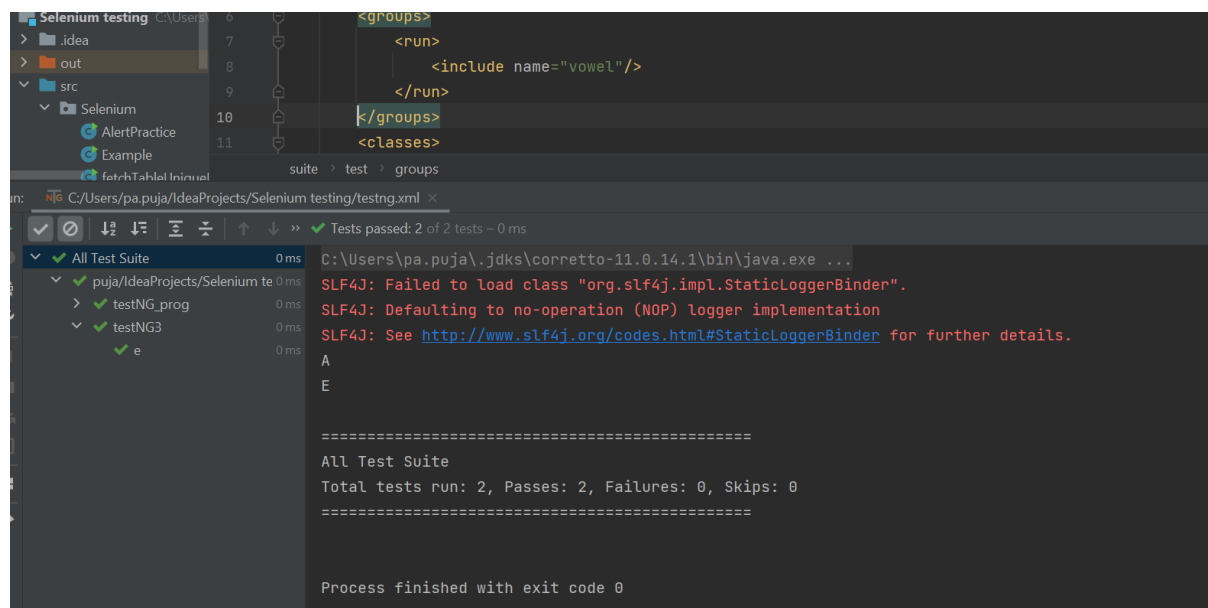
Process finished with exit code 0



Assign a group to a few test cases and update testng.xml to run test cases belonging to the group.

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE suite SYSTEM "http://testng.org/testng-1.0.dtd">
<suite name="All Test Suite">
  <test verbose="2" preserve-order="true"
    name="C:/Users/pa.puja/IdeaProjects/Selenium
testing/src/Selenium">
    <groups>
      <run>
        <include name="vowel"/>
      </run>
    </groups>
    <classes>
      <class name="testNG_prog"/>
      <class name="testNG3"/>
    </classes>
  </test>
</suite>
```

## Output



The screenshot shows the IntelliJ IDEA interface. The top part displays the testng.xml file with the following content:

```
<groups>
  <run>
    <include name="vowel"/>
  </run>
</groups>
<classes>
```

The bottom part shows the test output console. It indicates that 2 tests passed in 0 ms. The tests are listed as follows:

- ✓ All Test Suite 0 ms
- ✓ puja/IdeaProjects/Selenium te 0 ms
- ✓ testNG\_prog 0 ms
- ✓ testNG3 0 ms
- ✓ e 0 ms

The console also shows the following output:

```
SLF4J: Failed to load class "org.slf4j.impl.StaticLoggerBinder".
SLF4J: Defaulting to no-operation (NOP) logger implementation
SLF4J: See http://www.slf4j.org/codes.html#StaticLoggerBinder for further details.
A
E

=====
All Test Suite
Total tests run: 2, Passes: 2, Failures: 0, Skips: 0
=====

Process finished with exit code 0
```

Assign priority to the test cases

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

public class testNG_prog{

    @Test(priority = 6)
    public void a()
    {
        System.out.println("A");
    }
    @Test(priority = 5 )
    public void b()
```

```

        System.out.println("B");
    }
    @Test(priority = 4)
    public void c()
    {
        System.out.println("C");
    }
}

```

```

import org.testng.annotations.Test;

public class testNG3 {
    @Test(priority = 3)
    public void d()
    {
        System.out.println("D");
    }
    @Test(priority = 2)
    public void e()
    {
        System.out.println("E");
    }
    @Test(priority = 1)
    public void f()
    {
        System.out.println("F");
    }
}

```

output

The screenshot displays an IDE environment with a testng.xml file and its execution output.

**testng.xml File Content:**

```

1  <?xml version="1.0" encoding="UTF-8"?>
2  <!DOCTYPE suite SYSTEM "http://testng.org/testng-1.0.dtd">
3  <suite name="All Test Suite">
4      <test verbose="2" preserve-order="true"
5          name="C:/Users/pa.puja/IdeaProjects/Selenium testing/src/Selenium">
6          <classes>
7              <class name="testNG_prog"/>
8              <class name="testNG3"/>
9          </classes>
10     </test>

```

**Execution Output:**

Tests passed: 6 of 6 tests – 2 ms

Test Name	Duration
C	2 ms
B	2 ms
A	2 ms
F	0 ms
E	0 ms
D	0 ms

=====  
All Test Suite  
Total tests run: 6, Passes: 6, Failures: 0, Skips: 0  
=====