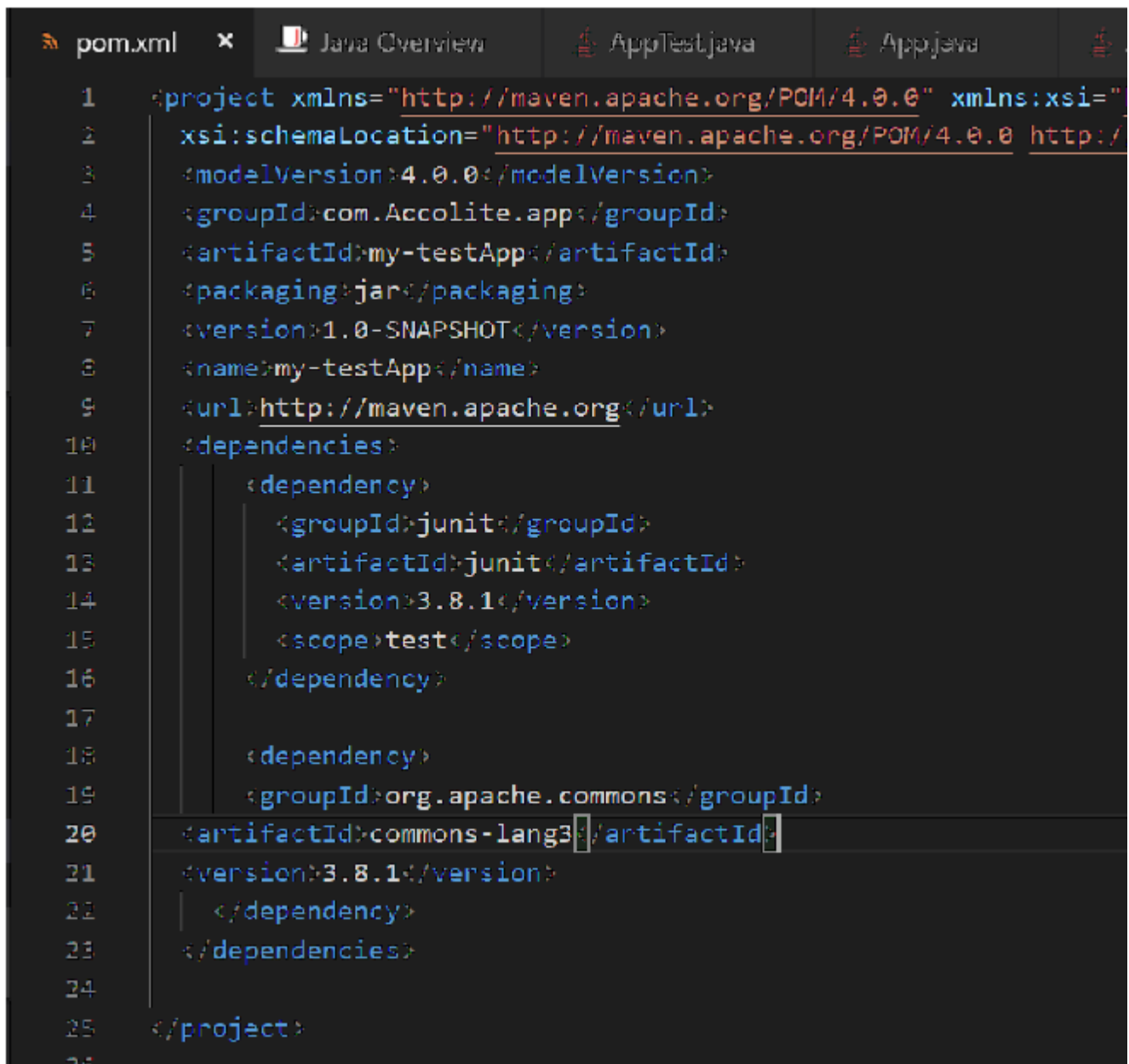


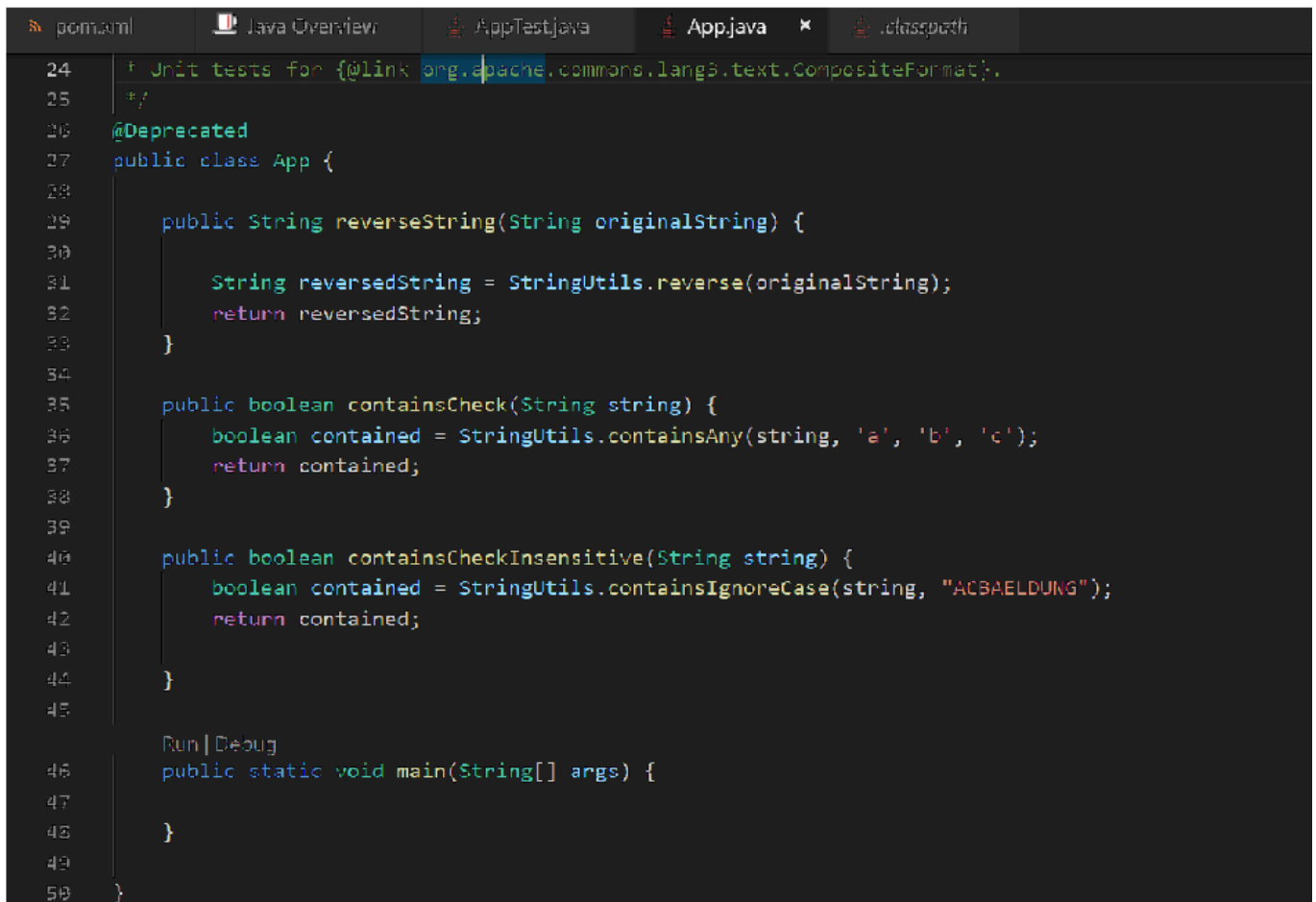
Folder consists of Maven assignment

1) Add dependency **commons-lang3** to pom.xml



```
1 <project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="
2   xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://
3   <modelVersion>4.0.0</modelVersion>
4   <groupId>com.Accolite.apps</groupId>
5   <artifactId>my-testApp</artifactId>
6   <packaging>jar</packaging>
7   <version>1.0-SNAPSHOT</version>
8   <name>my-testApp</name>
9   <url>http://maven.apache.org</url>
10  <dependencies>
11    <dependency>
12      <groupId>junit</groupId>
13      <artifactId>junit</artifactId>
14      <version>3.8.1</version>
15      <scope>test</scope>
16    </dependency>
17
18    <dependency>
19      <groupId>org.apache.commons</groupId>
20      <artifactId>commons-lang3</artifactId>
21      <version>3.8.1</version>
22    </dependency>
23  </dependencies>
24
25 </project>
```

2) Implementation of dependency in App.java



```
24  * Unit tests for {@link org.apache.commons.lang3.text.CompositeFormat}.
25  */
26  @Deprecated
27  public class App {
28
29      public String reverseString(String originalString) {
30
31          String reversedString = StringUtils.reverse(originalString);
32          return reversedString;
33      }
34
35      public boolean containsCheck(String string) {
36          boolean contained = StringUtils.containsAny(string, 'a', 'b', 'c');
37          return contained;
38      }
39
40      public boolean containsCheckInsensitive(String string) {
41          boolean contained = StringUtils.containsIgnoreCase(string, "ACBAELDUNG");
42          return contained;
43      }
44  }
45
46      Run | Debug
47      public static void main(String[] args) {
48
49      }
50  }
```

3) Test cases added in AppTest.java

```

19
20  /**
21   * @return the suite of tests being tested
22   */
23   public static Test suite() {
24       // suite of test cases
25       return new TestSuite(AppTest.class);
26   }
27
28   /**
29   * Rigorous Test :-)
30   */
31   public void testApp() {}
32       App a = new App();
33       assertEquals("abcd", a.reverseString("dcba"));
34   }
35   public void testApp2(){
36       App a = new App();
37       assertEquals(true, a.containsCheck("abcd"));
38   }
39   public void testApp3(){
40       App a = new App();
41       assertEquals(false, a.containsCheckInsensitive("abcde"));
42   }
43   }

```

4) Compiling the project

```

D:\training\MavenProject\my-testApp>mvn compile
[INFO] Scanning for projects...
[INFO]
[INFO] -----< com.accolite.app:my-testApp >-----
[INFO] Building my-testApp 1.0-SNAPSHOT
[INFO] -----[ jar ]-----
[INFO]
[INFO] --- maven-resources-plugin:2.6:resources (default-resources) @ my-testApp ---
[WARNING] Using platform encoding (Cp1252 actually) to copy filtered resources, i.e. build is platform dependent!
[INFO] skip non existing resourceDirectory D:\training\MavenProject\my-testApp\src\main\resources
[INFO]
[INFO] --- maven-compiler-plugin:3.1:compile (default-compile) @ my-testApp ---
[INFO] Nothing to compile - all classes are up to date
[INFO]
[INFO] BUILD SUCCESS
[INFO]
[INFO] -----
[INFO] Total time:  0.983 s
[INFO] Finished at: 2019-01-15T21:21:17+05:30
[INFO] -----

```

5) Testing of project

```
D:\training\MavenProject\my-testApp>mvn test
[INFO] Scanning for projects...
[INFO]
[INFO] -----< com.Accolite.app:my-testApp >-----
[INFO] Building my-testApp 1.0-SNAPSHOT
[INFO] -----[ jar ]-----
[INFO]
[INFO] --- maven-resources-plugin:2.6:resources (default-resources) @ my-testApp ---
[WARNING] Using platform encoding (Cp1252 actually) to copy filtered resources, i.e. build is platform dependent!
[INFO] skip non existing resourceDirectory D:\training\MavenProject\my-testApp\src\main\resources
[INFO]
[INFO] --- maven-compiler-plugin:3.1:compile (default-compile) @ my-testApp ---
[INFO] Nothing to compile - all classes are up to date
[INFO]
[INFO] --- maven-resources-plugin:2.6:testResources (default-testResources) @ my-testApp ---
[WARNING] Using platform encoding (Cp1252 actually) to copy filtered resources, i.e. build is platform dependent!
[INFO] skip non existing resourceDirectory D:\training\MavenProject\my-testApp\src\test\resources
[INFO]
[INFO] --- maven-compiler-plugin:3.1:testCompile (default-testCompile) @ my-testApp ---
[INFO] Nothing to compile - all classes are up to date
[INFO]
[INFO] --- maven-surefire-plugin:2.12.4:test (default-test) @ my-testApp ---
[INFO] Surefire report directory: D:\training\MavenProject\my-testApp\target\surefire-reports

-----
 T E S T S
-----
Running com.Accolite.app.AppTest
Tests run: 3, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.051 sec

Results :
```