Charlotte
Rambourg

12/04/17
3A STI – TD2

STI 3 eme année – Outils de développement
TD: Maven

1-Mon premier projet Maven

Exercice 4 :

```
[INFO] ------------------------------------------------------------------------
[INFO] BUILD SUCCESS
[INFO] ------------------------------------------------------------------------
[INFO] Total time: 4.151s
[INFO] Finished at: Tue Apr 11 17:02:10 CEST 2017
[INFO] Final Memory: 13M/172M
[INFO] ------------------------------------------------------------------------
crambour@SA202-10A:~/INSA/3A/OutilsDev/3emePartie/ProjectMaven/jf$
```

Exercice 5 :

```
crambour@SA202-10A:~/INSA/3A/OutilsDev/3emePartie/ProjectMaven/jf/target/classes/jf$
ls
App.class
crambour@SA202-10A:~/INSA/3A/OutilsDev/3emePartie/ProjectMaven/jf/target/classes/jf$
```

```
Hello World!
[INFO] ------------------------------------------------------------------------
[INFO] BUILD SUCCESS
[INFO] ------------------------------------------------------------------------
[INFO] Total time: 3.282s
[INFO] Finished at: Tue Apr 11 17:09:34 CEST 2017
[INFO] Final Memory: 11M/176M
[INFO] ------------------------------------------------------------------------
crambour@SA202-10A:~/INSA/3A/OutilsDev/3emePartie/ProjectMaven/jf$
```

Exercice 6 :

Exercice 7

```
<terminated> App [Java Application] /usr/lib/jvm/java-8-openjdk-amd64/bin/java (11 avr. 2017 17:16:54)
Hello World!
Je test ma classe App
```

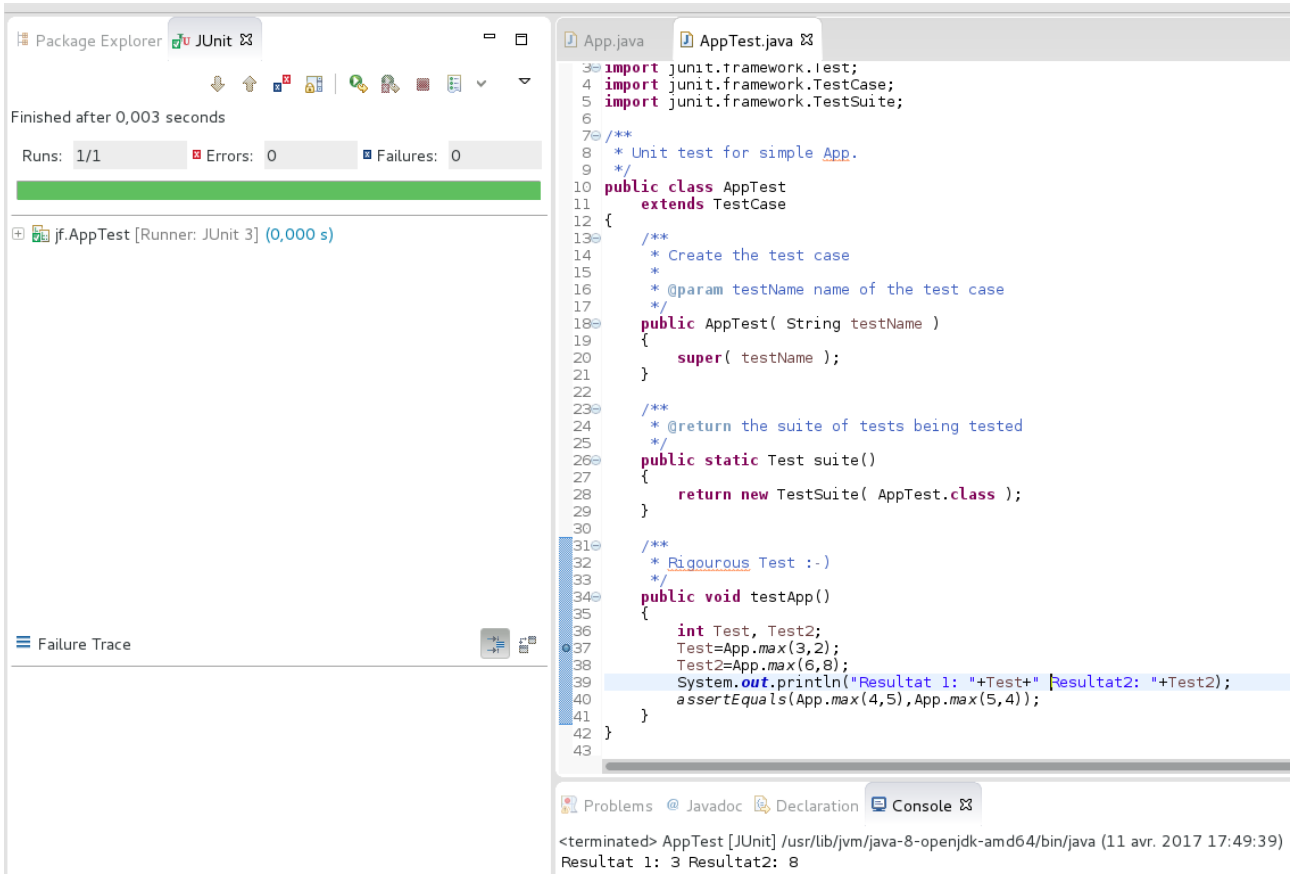
```
crambour@SA202-10A:~/INSA/3A/OutilsDev/3emePartie/ProjectMaven/jf$ mvn exec:java -Dexec.mainClass="jf.App"
[INFO] Scanning for projects...
[INFO]
[INFO] ------------------------------------------------------------------------
[INFO] Building jf 1
[INFO] ------------------------------------------------------------------------
[INFO]
[INFO] --- exec-maven-plugin:1.6.0:java (default-cli) @ jf ---
Hello World!
Je test ma classe App
[INFO] ------------------------------------------------------------------------
[INFO] BUILD SUCCESS
[INFO] ------------------------------------------------------------------------
[INFO] Total time: 0.605s
[INFO] Finished at: Tue Apr 11 17:17:24 CEST 2017
[INFO] Final Memory: 8M/240M
[INFO] ------------------------------------------------------------------------
crambour@SA202-10A:~/INSA/3A/OutilsDev/3emePartie/ProjectMaven/jf$
```

Exercice 8 :

Exercice 9 :

```
<terminated> App [Java Application] /usr/lib/jvm/java-8-openjdk-amd64/bin/java (11 avr. 2017 17:27:02)
Hello World!
Je test ma classe App
Resultat de ma fonction Max: 5
```

Exercice 10



Exercice 11 :

```
-------------------------------------------------------
 T E S T S
-------------------------------------------------------
Running jf.AppTest
Resultat 1: 3 Resultat2: 8
Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.015 sec

Results :

Tests run: 1, Failures: 0, Errors: 0, Skipped: 0

[INFO] ------------------------------------------------------------------------
[INFO] BUILD SUCCESS
[INFO] ------------------------------------------------------------------------
[INFO] Total time: 2.173s
[INFO] Finished at: Tue Apr 11 17:50:16 CEST 2017
[INFO] Final Memory: 10M/201M
[INFO] ------------------------------------------------------------------------
crambour@SA202-10A:~/INSA/3A/OutilsDev/3emePartie/ProjectMaven/jf$
```

Exercice 12 :

Exercice 13 :

```
[INFO] Building jar: /promo2019/crambour/INSA/3A/OutilsDev/3emePartie/ProjectMaven/jf
/target/marelease.jar
[INFO] ------------------------------------------------------------------------
[INFO] BUILD SUCCESS
[INFO] ------------------------------------------------------------------------
[INFO] Total time: 3.159s
[INFO] Finished at: Wed Apr 12 11:26:41 CEST 2017
[INFO] Final Memory: 11M/192M
[INFO] ------------------------------------------------------------------------
crambour@SA204-01A:~/INSA/3A/OutilsDev/3emePartie/ProjectMaven/jf$
```

Exercice 14 :

```
crambour@SA204-01A:~/INSA/3A/OutilsDev/3emePartie/ProjectMaven/jf$ java -jar target/m
arelease.jar
Hello World!
Je test ma classe App
Resultat de ma fonction Max: 5
crambour@SA204-01A:~/INSA/3A/OutilsDev/3emePartie/ProjectMaven/jf$
```

Exercice 15 :

Exercice 16 :

```
Results :

Failed tests:   testApp(jf.AppTest): expected:<4> but was:<5>

Tests run: 1, Failures: 1, Errors: 0, Skipped: 0

[INFO] ------------------------------------------------------------------------
[INFO] BUILD FAILURE
[INFO] ------------------------------------------------------------------------
[INFO] Total time: 0.809s
[INFO] Finished at: Wed Apr 12 11:29:30 CEST 2017
[INFO] Final Memory: 7M/241M
[INFO] ------------------------------------------------------------------------
[ERROR] Failed to execute goal org.apache.maven.plugins:maven-surefire-plugin:2.10:te
st (default-test) on project jf: There are test failures.
[ERROR]
[ERROR] Please refer to /promo2019/crambour/INSA/3A/OutilsDev/3emePartie/ProjectMaven
/jf/target/surefire-reports for the individual test results.
[ERROR] -> [Help 1]
[ERROR]
[ERROR] To see the full stack trace of the errors, re-run Maven with the -e switch.
[ERROR] Re-run Maven using the -X switch to enable full debug logging.
[ERROR]
[ERROR] For more information about the errors and possible solutions, please read the
 following articles:
[ERROR] [Help 1] http://cwiki.apache.org/confluence/display/MAVEN/MojoFailureExceptio
n
crambour@SA204-01A:~/INSA/3A/OutilsDev/3emePartie/ProjectMaven/jf$
```

Exercice 17 :

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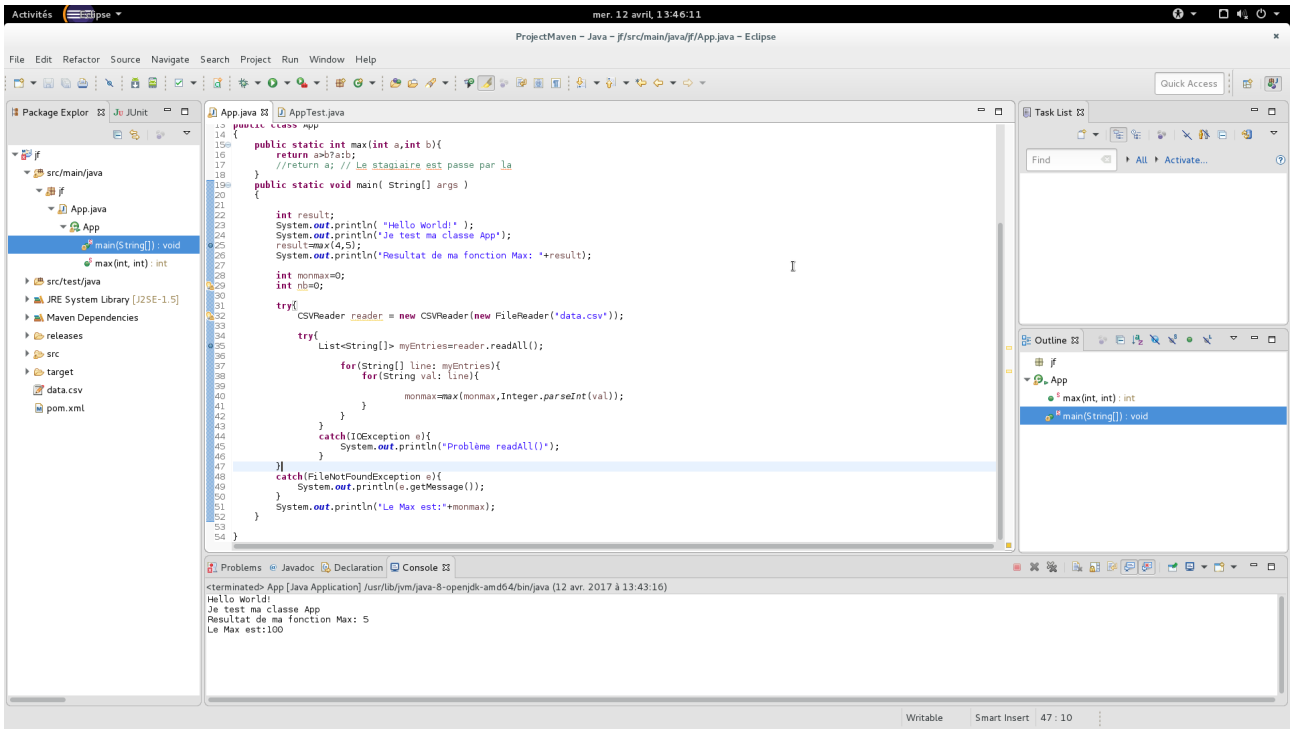
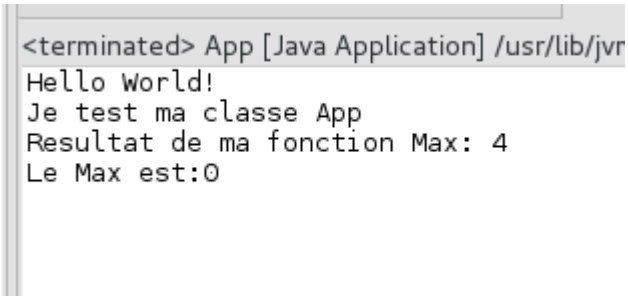
Exercice 18 :
Exercice 19 :
Exercice 20 :
Exercice 21 :



Exercice 22 :



Exercice 23 :

```
Error: A JNI error has occurred, please check your installation and try again
Exception in thread "main" java.lang.NoClassDefFoundError: com/opencsv/CSVReader
        at java.lang.Class.getDeclaredMethods0(Native Method)
        at java.lang.Class.privateGetDeclaredMethods(Class.java:2701)
        at java.lang.Class.privateGetMethodRecursive(Class.java:3048)
        at java.lang.Class.getMethod0(Class.java:3018)
        at java.lang.Class.getMethod(Class.java:1784)
        at sun.launcher.LauncherHelper.validateMainClass(LauncherHelper.java:544)
        at sun.launcher.LauncherHelper.checkAndLoadMain(LauncherHelper.java:526)
Caused by: java.lang.ClassNotFoundException: com.opencsv.CSVReader
        at java.net.URLClassLoader.findClass(URLClassLoader.java:381)
        at java.lang.ClassLoader.loadClass(ClassLoader.java:424)
        at sun.misc.Launcher$AppClassLoader.loadClass(Launcher.java:331)
        at java.lang.ClassLoader.loadClass(ClassLoader.java:357)
        ... 7 more
crambour@SA204-11A:~/INSA/3A/OutilsDev/3emePartie/ProjectMaven/jf$
```

Exercice 24 :
Exercice 25 :
Exercice 26 :
Exercice 27 :
Exercice 28 :

```
<terminated> App [Java Application] /usr/lib/jvm/java-8-openjdk-amd64/bin/java (12 avr. 2017 à 14:47:04)
Resultat de ma fonction Max: 5
OUT:[42, 43, 4, 3, 22]
OUT:[35, 27]
Le Max est:100
```

Exercice 29 :
Exercice 30 :