

Juan Pablo Ospino Solano - **Test Report Template**

Name

Juan Pablo Ospino Solano

Project/Task

/Non Project/PSP Fundamentals & Advanced/Program 4

| | |
|--------------------------|--|
| Test Name: testLn | |
| Test Objective | Validar el calculo del logaritmo natural de cada valor |
| Test Description | se crea el datos historico con condiciones controladas. Se compara el resultado con el valor calculado manualmente |
| Test Conditions | Dato historico new DatoHistorico("each_char", 18, 3). |
| Expected Results | 1,7918 |
| Actual Results | OK |

| | |
|----------------------------------|--|
| Test Name/testSLnMinusAvg | |
| Test Objective | validar el cálculo del cuadrado de la diferencia entre el logaritmo natural del valor menos el promedio logaritmico. |
| Test Description | Se cargan datos y de hacevalidación de los resultados. |
| Test Conditions | Dato historico new DatoHistorico("each_char", 18, 3). double promedio = 2.8015; |
| Expected Results | 1,0196 |
| Actual Results | OK |

| | |
|---------------------------------------|--|
| Test Name/testAddDatoHistorico | validar que se pueda adicionar un elemento a la lista de datos |
| Test Objective | históricos |
| Test Description | Se cargan datos y de hacevalidación de los resultados. |
| Test Conditions | Dato historico new DatoHistorico("each_char", 18, 3) |
| Expected Results | no hayan errores al insertar el elemento |
| Actual Results | OK |

| | |
|--------------------------------|--|
| Test Name/testGetRangos | |
| Test Objective | validar que se pueda exportar JSON string con el resultado de los calculos |
| Test Description | Se carga JSON con los valores estadisticos |
| Test Conditions | [{"nombreRango" : "VerySmall", "valorRango" : "1.46089591742709"}, {"nombreRango" : "Small", "valorRango" : "2.1226274145257293"}, {"nombreRango" : "Medium", "valorRango" : "2.784358911624369"}, {"nombreRango" : "Large", "valorRango" : "3.446090408723009"}, {"nombreRango" : "VeryLarge", "valorRango" : "4.107821905821648"}] |
| Expected Results | Corresta impresión de archivo JSON |
| Actual Results | OK |

| | |
|----------------------------|--|
| Test Name/RangoTest | |
| Test Objective | Validar que el resultado JSON tenga el formato correcto |
| Test Description | Se carga JSON con los valores estadisticos |
| Test Conditions | Rango rango = new Rango("VerySmall", 4.30981904117123); |
| Expected Results | {"nombreRango" : "VerySmall", "valorRango" : "4.30981904117123"} |
| Actual Results | OK |

Hoja1

Date 20/03/17

```
Simbolo del sistema
[WARNING] File encoding has not been set, using platform encoding Cp1252, i.e. build is platform dependent!
[INFO] Compiling 4 source files to C:\Users\JuanPablo\Documents\Especializacion\Semestre 1\ConceptosAvanzadosIngSoftware\Tareas\Tarea4\src\tarea4\target\test-classes
[INFO]
[INFO] --- maven-surefire-plugin:2.12.4:test (default-test) @ tarea4 ---
[INFO] Surefire report directory: C:\Users\JuanPablo\Documents\Especializacion\Semestre 1\ConceptosAvanzadosIngSoftware\Tareas\Tarea4\src\tarea4\target\surefire-reports

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T E S T S
-----
Running edu.uniandes.ecos.tarea4.app.AppTest
Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.016 sec
Running edu.uniandes.ecos.tarea4.app.Model.DatoHistoricoTest
slnMinusAvg
ln
Tests run: 2, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0 sec
Running edu.uniandes.ecos.tarea4.app.Model.RangoTest
getJSON
Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0 sec
Running edu.uniandes.ecos.tarea4.app.Model.TablaTamanoRelativoTest
addDatoHistorico
getRangos
Tests run: 2, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0 sec

Results :

Tests run: 6, Failures: 0, Errors: 0, Skipped: 0

[INFO]
[INFO] --- maven-jar-plugin:2.4:jar (default-jar) @ tarea4 ---
```

```
Simbolo del sistema - heroku local web
[INFO]
[INFO] --- maven-install-plugin:2.4:install (default-install) @ tarea4 ---
[INFO] Installing C:\Users\JuanPablo\Documents\Especializacion\Semestre 1\ConceptosAvanzadosIngSoftware\Tareas\Tarea4\src\tarea4\target\tarea4.jar to C:\Users\JuanPablo\.m2\repository\edu\uniandes\ecos\tarea4\app\tarea4\1.0-SNAPSHOT\tarea4-1.0-SNAPSHOT.jar
[INFO] Installing C:\Users\JuanPablo\Documents\Especializacion\Semestre 1\ConceptosAvanzadosIngSoftware\Tareas\Tarea4\src\tarea4\pom.xml to C:\Users\JuanPablo\.m2\repository\edu\uniandes\ecos\tarea4\app\tarea4\1.0-SNAPSHOT\tarea4-1.0-SNAPSHOT.pom
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 4.906 s
[INFO] Finished at: 2017-03-20T13:11:58-05:00
[INFO] Final Memory: 27M/262M
[INFO] -----

C:\Users\JuanPablo\Documents\Especializacion\Semestre 1\ConceptosAvanzadosIngSoftware\Tareas\Tarea4\src\tarea4>heroku login
Enter your Heroku credentials:
Email: jp.ospino@uniandes.edu.co
Password: *****
Logged in as jp.ospino@uniandes.edu.co

C:\Users\JuanPablo\Documents\Especializacion\Semestre 1\ConceptosAvanzadosIngSoftware\Tareas\Tarea4\src\tarea4>heroku local web
```

```

[INFO] --- maven-install-plugin:2.4:install (default-install) @ tarea4 ---
[INFO] Installing C:\Users\JuanPablo\Documents\Especializacion\Semestre 1\ConceptosAvanzadosIngSoftware\Tareas\Tarea4\src\tarea4\target\tarea4.jar to C:\Users\JuanPablo\Documents\Especializacion\Semestre 1\ConceptosAvanzadosIngSoftware\Tareas\Tarea4\src\tarea4\target\tarea4.jar
[INFO] Installing C:\Users\JuanPablo\Documents\Especializacion\Semestre 1\ConceptosAvanzadosIngSoftware\Tareas\Tarea4\src\tarea4\pom.xml to C:\Users\JuanPablo\Documents\Especializacion\Semestre 1\ConceptosAvanzadosIngSoftware\Tareas\Tarea4\src\tarea4\pom.xml
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 4.906 s
[INFO] Finished at: 2017-03-20T13:11:58-05:00
[INFO] Final Memory: 27M/262M
[INFO] -----

```

C:\Users\JuanPablo\Documents\Especializacion\Semestre 1\ConceptosAvanzadosIngSoftware\Tareas\Tarea4\src\tarea4>heroku login

Enter your Heroku credentials:

Email: jp.ospino@uniandes.edu.co

Password: *****

Logged in as jp.ospino@uniandes.edu.co

C:\Users\JuanPablo\Documents\Especializacion\Semestre 1\ConceptosAvanzadosIngSoftware\Tareas\Tarea4\src\tarea4>heroku local web

[OKAY] Loaded ENV .env File as KEY=VALUE Format

```

13:21:42 web.1 | [{"nombreRango" : "VerySmall", "valorRango" : "4.309819041171236"}, {"nombreRango" : "Small", "valorRango" : "8.353055620740305"}, {"nombreRango" : "Medium", "valorRango" : "16.18943569013969"}, {"nombreRango" : "Large", "valorRango" : "31.377479076565734"}, {"nombreRango" : "VeryLarge", "valorRango" : "60.81411434247622"}]

```

```

13:21:42 web.1 | [Thread-0] INFO spark.webserver.SparkServer - == Spark has ignited ...

```

```

13:21:42 web.1 | [Thread-0] INFO spark.webserver.SparkServer - >> Listening on 0.0.0.0:5000

```

```

13:21:42 web.1 | [Thread-0] INFO org.eclipse.jetty.server.Server - jetty-9.0.z-SNAPSHOT

```

```

13:21:42 web.1 | [Thread-0] INFO org.eclipse.jetty.server.ServerConnector - Started ServerConnector@262de337{HTTP/1.1}{0.0.0.0:5000}

```

localhost:5000/tablaT. X +

No Environment

GET localhost:5000/tablaTamanhoRelativo?datosHistoricos={nombre:each_char,tamanhoParte:18,numeroltems:3},{nombre:string_read,tamanhoParte:18,numeroltems:3},{nombre:singler_character,tamanhoParte:25}

Params

Send Save

datosHistoricos {nombre:each_char,tamanhoParte:18,numeroltems:3},{nombre:string_read,tamanhoParte:18,numeroltems:3},{nombre:singler_character,tamanhoParte:25}

key value Bulk Edit

Authorization Headers Body Pre-request Script Tests Cookies Cod

key value Bulk Edit Presets

Body Cookies Headers (3) Tests Status: 200 OK Time: 26 ms Size: 439 B

Pretty Raw Preview JSON

```

1  [
2  {
3    "nombreRango": "VerySmall",
4    "valorRango": "4.309819041171236"
5  },
6  {
7    "nombreRango": "Small",
8    "valorRango": "8.353055620740305"
9  },
10 {
11   "nombreRango": "Medium",
12   "valorRango": "16.18943569013969"
13 },
14 {
15   "nombreRango": "Large",
16   "valorRango": "31.377479076565734"
17 },

```

BodyCookiesHeaders (3)TestsStatus: 200 OKTime: 26 msSize: 439 B

PrettyRawPreviewJSON

```
1 [
2   {
3     "nombreRango": "VerySmall",
4     "valorRango": "4.309819041171236"
5   },
6   {
7     "nombreRango": "Small",
8     "valorRango": "8.353055620740305"
9   },
10  {
11    "nombreRango": "Medium",
12    "valorRango": "16.18943569013969"
13  },
14  {
15    "nombreRango": "Large",
16    "valorRango": "31.377479076565734"
17  },
18  {
19    "nombreRango": "VeryLarge",
20    "valorRango": "60.81411434247622"
21  }
22 ]
```