## Test Report Template

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| --- | --- | --- | --- |
| Student | DIEGO ANDRES MONTEALEGRE GARCIA | Date | 26/02/2015 |
| Program | PSP2 | Program # | 5 |
| Instructor | LUIS DANIEL BENAVIDES | Language | Java |

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| --- | --- |
| Test Name/Number | Test 1 |
| Test Objective | Calcular la integral numerica, con la regla de simpson |
|  |  |
| Test Description | Calcular la integral numerica, con la regla de simpson |
|  |  |
|  |  |
| Test Conditions | La integral se calcula hasta que la diferencia entre la primera y el segundo calculo la diferencia sea menor que E |
|  |  |
|  |  |
| Expected Results | Ver Tabla 1: valores de test |
|  |  |
|  |  |
| Actual Results | Ver Tabla 1: valores de test |
|  |  |
|  |  |
|  |  |
| Test Name/Number | Test 2 |
| Test Objective | Calcular la integral numerica, con la regla de simpson |
|  |  |
| Test Description | Calcular la integral numerica, con la regla de simpson |
|  |  |
|  |  |
|  |  |
| Test Conditions | La integral se calcula hasta que integralInicial - integralDefinitiva < E |
|  |  |
|  |  |
| Expected Results | Ver Tabla 1: valores de test |
|  |  |
|  |  |
| Actual Results | Ver Tabla 1: valores de test |
|  |  |
|  |  |
|  |  |
| Test Name/Number | Test 3 |
| Test Objective | Calcular la integral numerica, con la regla de simpson |
|  |  |
| Test Description | Calcular la integral numerica, con la regla de simpson |
|  |  |
|  |  |
|  |  |
| Test Conditions | La integral se calcula hasta que integralInicial - integralDefinitiva < E |
|  |  |
|  |  |
|  |  |
|  |  |
| Expected Results | Ver Tabla 1: valores de test |
|  |  |
|  |  |
| Actual Results | Ver Tabla 1: valores de test |
|  |  |
|  |  |
|  |  |

**Tabla 1: valores de test**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test** | | | **Expected Value** | **Actual Value** |
|  | ***x*** | ***dof*** | ***p*** |  |
| Test1 | 0 to x= 1.1 | 9 | 0.35006 | 0.350058636897201 |
| Test2 | 0 to x= 1.1812 | 10 | 0.36757 | 0.36757340515255166 |
| Test3 | 0 to x= 2.750 | 30 | 0.49500 | 0.49499985824851755 |