*Logic Specification Template*

|  |  |  |  |
| --- | --- | --- | --- |
| **Student** | David Alejandro Martínez Tristán | **Program #** | 5 |

|  |  |
| --- | --- |
| **Class Name** | NumericalMethods |

|  |  |
| --- | --- |
| **Method Name** | gammaFunction() |

|  |  |
| --- | --- |
| **Parameters** | x:double |
|  |  |
|  |  |
|  |  |
|  |  |

**Include the image of the activity diagram created for the program:**

**Diagrama

Descripción generada automáticamente**

|  |  |
| --- | --- |
| **Class Name** | NumericalMethods |

|  |  |
| --- | --- |
| **Method Name** | distFunctionT() |

|  |  |
| --- | --- |
| **Parameters** | x:double |
|  | dof:double |
|  |  |
|  |  |
|  |  |

**Include the image of the activity diagram created for the program:**

**Diagrama

Descripción generada automáticamente**

|  |  |
| --- | --- |
| **Class Name** | NumericalMethods |

|  |  |
| --- | --- |
| **Method Name** | integrationFunctionSimpson() |

|  |  |
| --- | --- |
| **Parameters** | x:double |
|  | dof:double |
|  | maxError:double |
|  |  |
|  |  |

**Include the image of the activity diagram created for the program:**

**Diagrama

Descripción generada automáticamente**

|  |  |
| --- | --- |
| **Class Name** | Printer |

|  |  |
| --- | --- |
| **Method Name** | ceilDecimals() |

|  |  |
| --- | --- |
| **Parameters** | d:double |
|  |  |
|  |  |
|  |  |
|  |  |

**Include the image of the activity diagram created for the program:**

**Diagrama

Descripción generada automáticamente**

|  |  |
| --- | --- |
| **Class Name** | Printer |

|  |  |
| --- | --- |
| **Method Name** | printResults() |

|  |  |
| --- | --- |
| **Parameters** | x:double |
|  | dof:int |
|  | p:double |
|  | errorLog:vector<int> |
|  |  |

**Include the image of the activity diagram created for the program:**

**Diagrama

Descripción generada automáticamente**

|  |  |
| --- | --- |
| **Class Name** | programa-4 |

|  |  |
| --- | --- |
| **Method Name** | main() |

|  |  |
| --- | --- |
| **Parameters** |  |
|  |  |
|  |  |
|  |  |
|  |  |

**Include the image of the activity diagram created for the program:**

**Diagrama

Descripción generada automáticamente**