*Logic Specification Template*

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| **Student** | Patricia Palula Aguilar | **Program #** | 4 |

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| --- | --- |
| **Class Name** | main |

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| --- | --- |
| **Class Name** | Simpson |

|  |  |
| --- | --- |
| **Method Name** | calcularP |

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| --- | --- |
| **Parameters** | x variable x |
|  | dof grados de libertad |
|  | w resultado de dividir x entre n |
|  | n número de intervalos (par) |
|  | p guarda el resultado |
|  | sum sumatoria de las F() |

Diagram

Description automatically generated

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| --- | --- |
| **Method Name** | obtenerPf |

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| --- | --- |
| **Parameters** | x variable x |
|  | dof grados de libertad |
|  | w resultado de dividir x entre n |
|  | n número de intervalos (par) |
|  | pI p inicial de la comparación |
|  | pF p final de la comparación |

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| **Method Name** | imprimirResul |

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| --- | --- |
| **Parameters** | x variable x |
|  | dof grados de libertad |
|  | pF p final de la comparación |

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| **Class Name** | FunctionT |

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| **Method Name** | gamma |

|  |  |
| --- | --- |
| **Parameters** | num numero para el cual calcular gamma |

|  |  |
| --- | --- |
| **Method Name** | gammaInt |

|  |  |
| --- | --- |
| **Parameters** | num numero para el cual calcular gamma |

|  |  |
| --- | --- |
| **Method Name** | gammaNoInt |

|  |  |
| --- | --- |
| **Parameters** | num numero para el cual calcular gamma |

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| --- | --- |
| **Method Name** | calculoParcialFun |

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| --- | --- |
| **Parameters** | dof grados de libertad |

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| --- | --- |
| **Method Name** | calcularFun |

|  |  |
| --- | --- |
| **Parameters** | x variable x |
|  | dof grados de libertad |