*Functional Specification Template*

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| **Student** | | Gerardo Aldair Ponce Gomez | | | **Program #** | 4 |
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| **Class Name** | | | Main | | | | |
| **Parent Class** | | | - | | | | |
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| **Attributes** | | | | | | | |
|  | **Declaration** | | | **Description** | | | |
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| **Items** | | | | | | | |
|  | **Declaration** | | | **Description** | | | |
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| **Class Name** | | Calcular | |
| **Parent Class** | | - | |
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| **Attributes** | | | |
|  | **Declaration** | | **Description** |
|  | X: double | | Valor ingresado por el usuario, si no hay valor ← 0 |
|  | Dof: int | | Valor ingresado por el usuario, si no hay valor ← 0 |
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| **Items** | | | |
|  | **Declaration** | | **Description** |
|  | Double calculaGamma(x: double) | | Calcula el valor de gamma recibiendo el valor de x |
|  | Double calculaValor(x: double, dof: int) | | Calcula el valor de la integral y regresa el valor P |
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| **Class Name** | | Imprimir | |
| **Parent Class** | | - | |
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| **Attributes** | | | |
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| **Items** | | | |
|  | **Declaration** | | **Description** |
|  | vacioDatos() | | Imprime el mensaje cuando no se ingresan datos |
|  | imprimeResultados(x: double, dof: int, p: double) | | Imprime los valores en el formato estipulado |
|  | errorDatos() | | Imprime los mensajes de error |
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