**Integrantes:**

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**Plan de Pruebas Unitarias**

* **Suma**

1. **public int** suma(**int** a, **int** b) {
2. **return** a+b;
3. }

Cobertura de nodos:

* *N1:* 1-3

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Código** | **Entrada** | | **Salida** | **Cobertura** |
| **a** | **b** | **c (retorno)** |
| 1 | 1 | 1 | 2 | N1 |

* **Multiplicación**

1. **public** **int** multiplicacion(**int** a, **int** b) {
2. Suma suma = **new** Suma();
3. **int** producto = 0;
5. **if** (b > 0) {
6. **for** (**int** i = 0; i < b; i++) {
7. producto = suma.suma(producto, a);
8. }
9. } **else** **if** (b < 0) {
10. **for** (**int** i = 0; i > b; i--) {
11. producto = suma.suma(producto, a);
12. }
13. producto \*= -1;
14. }
16. **return** producto;
17. }

Cobertura de nodos:

* *N1:* 1-4, 5-8, 15-17
* *N2:* 1-4, 9-14, 15-17
* *N3:* 1-4, 15-17

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Código** | **Entrada** | | **Salida** | **Cobertura** |
| **a** | **b** | **c (retorno)** |
| 1 | 2 | 3 | 6 | N1 |
| 2 | 2 | -3 | -6 | N2 |
| 3 | 2 | 0 | 0 | N3 |

* **Interfaz**