**TEST CASES**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ID | Description | Pre-condition | Expected  input | Expected  output | Actual output |
| HL\_01\_LL\_01\_TC\_01 | Addition |  | 10,20 | 30 | 30 |
| HL\_01\_LL\_01\_TC\_02 | Subtraction |  | 0,3 | -3 | -3 |
| HL\_01\_LL\_01\_TC\_03 | Multiplication |  | 1,0 | 0 | 0 |
| HL\_01\_LL\_01\_TC\_04 | Division |  | 1,0 | 0 | 0 |
| HL\_02\_LL\_01\_TC\_01 | LCM |  | 2,4 | 4 | 4 |
| HL\_02\_LL\_02\_TC\_01 | GCD |  | 2,4 | 2 | 2 |
| HL\_02\_LL\_03\_TC\_01 | permutation |  | 2,1 | 2 | 2 |
| HL\_02\_LL\_04\_TC\_01 | Combination |  | 3,2 | 3 | 3 |
| HL\_02\_LL\_05\_TC\_01 | Factorial |  | 0 | 1 | 1 |
| HL\_02\_LL\_05\_TC\_02 | Factorial |  | 1 | 1 | 1 |
| HL\_02\_LL\_05\_TC\_03 | Factorial |  | 4 | 24 | 24 |
| HL\_02\_LL\_06\_TC\_01 | Power |  | 3,3 | 27 | 27 |
| HL\_02\_LL\_06\_TC\_02 | Power |  | 2,1 | 2 | 2 |
| HL\_02\_LL\_06\_TC\_03 | Power |  | 3,0 | 1 | 1 |