**Requirements**

**Project Name**: Hopping Numbers

* High level requirements:

|  |  |
| --- | --- |
| **ID** | **Description** |
| HL\_01 | Must print if the input number is armstrong number or not |
| HL\_02 | Must print the factorial of the input number |
| HL\_03 | Must print if input number is magic number or not |
| HL\_04 | Must print if input number is neon number or not |
| HL\_05 | Must print if input number is perfect number or not |
| HL\_06 | Must print if input number is palindrome number or not |
| HL\_07 | Must print if a number is prime number or not |

* Low level requirements:

|  |  |
| --- | --- |
| **ID** | **Description** |
| LL\_01 | Must work for zero and negative numbers |
| LL\_02 | Must work for zero |
| LL\_03 | Must work for zero and negative numbers |
| LL\_04 | Must work for zero and negative numbers |
| LL\_05 | Must work for zero and negative numbers |
| LL\_06 | Must work for zero and negative numbers |
| LL\_07 | Must work for zero, one and negative numbers |