## REQUIREMENTS:

### Requirements mapping:

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| **ID** | **Description** |
| H\_01 | It should take 1/2/3 operands as input. |
| H\_02 | Should perform operations very fast. |
| H\_02\_L\_01 | The processing speed should be less than 100 micro seconds. |
| H\_03 | Perform arithmetic operations |
| H\_03\_L\_01 | Perform 2 number addition |
| H\_03\_L\_02 | Perform 2 number subtraction |
| H\_03\_L\_03 | Perform 2 number multiplication |
| H\_03\_L\_04 | Perform 2 number division |
| H\_03\_L\_05 | Perform factorial function |
| H\_04 | Perform checking operations |
| H\_04\_L\_01 | Check angstrom |
| H\_04\_L\_02 | Check prime. |
| H\_04\_L\_03 | Check even/odd. |
| H\_05 | Perform area calculation |
| H\_05\_L\_01 | Area of square |
| H\_05\_L\_02 | Area of circle |
| H\_05\_L\_03 | Area of triangle |
| H\_05\_L\_04 | Area of rectangle |
| H\_06 | Perform perimeter calculation |
| H\_06\_L\_01 | Perimeter of circle |
| H\_06\_L\_02 | Perimeter of square |
| H\_06\_L\_03 | Perimeter of rectangle |
| H\_06\_L\_04 | Perimeter of triangle |