**LOW LEVEL REQUIREMENT**

**CODE: - HLRNI001\_L001**

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| **Code** | **Requirements** | **Description** |
| LLR\_L001 | Input | int (Integer 32bit) |
| LLR\_L002 | Variable Name | **num** |
| LLR\_L003 | Output | int (Integer 32bit) |
| LLR\_L004 | Formula | num! = num × (num − 1)! |
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**CODE: - HLRNI001\_L002**

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| **Code** | **Requirements** | **Description** |
| LLR\_L001 | Input 1 | float (Float 32bit) |
| LLR\_L002 | Input 2 | float (Float 32bit) |
| LLR\_L003 | Function1 | product |
| LLR\_L004 | Function 2 | ratio |
| LLR\_L005 | Formula of Product | **log**b(xy)=**log**b(x)+**log**b(y). |
| LLR\_L006 | Formula of Ratio | **log**b(x/y) =**log**b(x)-**log**b(y). |
| LLR\_L007 | Output | float (Float 32bit) |