Methods : simple interest, compound interest, mean, factorial and percentage

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| --- | --- | --- | --- | --- | --- | --- |
| **TID** | **Name / Description** | **Input** | **Expected Output** | **Actual Output** | **Result** | **Comment** |
| UTC01 | To calculate simple interest |  |  |  |  |  |
| UTC02 | To calculate compound interest |  |  |  |  |  |
| UTC03 | To calculate mean |  |  |  |  |  |
| UTC04 | To calculate factorial |  |  |  |  |  |
| UTC05 | To calculate percentage |  |  |  |  |  |

Methods : simple interest, compound interest, mean, factorial and percentage

**OUTPUT:-**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **TID** | **Name / Description** | **Input** | **Expected Output** | **Actual Output** | **Result** | **Comment** |
| UTC01 | To calculate simple interest | Principal(p)=500  Time(t)=5  Rate(r)=3 | Simple interest=75 | Simple interest=75 | Pass |  |
| UTC02 | To calculate compound interest | Principal(p)=10  Time(t)=4  Rate(r)=2 | Compound interest=10 | Compound interest=10 | Pass |  |
| UTC03 | To calculate mean | Num (1,2,3,4,5) | Mean=3 | Mean=3 | Pass |  |
| UTC04 | To calculate factorial | Factorial(fact)=5 | Factorial=120 | Factorial=120 | Pass |  |
| UTC05 | To calculate percentage | Total=500  Obtained=400 | Percentage=80 | Percentage=80 | Pass |  |