**Assignment No. 5- Test tool for Validatation on General Purpose Calculator.**

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**Subject:** Software Engineering Part 1

**TOPIC:** Test tool for Validatation on General Purpose Calculator.

**Objectives of Project :**

The main aim of testing is to maintain the quality of the product and improve them .

To check software adaptability.

To accelerate software development.

**Files In Project :**

calculator.py

static\_test.py

dynamic\_test.py

**Functions in calculator.py:**

* addition
* *subtraction*
* *multiplication*
* *division*
* *factorial*
* remainder
* sine
* cosine
* tangent
* square\_root
* square
* cube
* any\_power
* log\_of\_base\_10
* log\_of\_base\_2

**Functions in static\_test.py and dynamic\_test.py:**

* test\_addition
* test\_substraction
* test\_multiplication
* test\_division
* test\_factorial
* test\_remainder
* test\_sine
* test\_cosine
* test\_tangent
* test\_square\_root
* test\_cube
* test\_any\_power
* test\_log\_of\_base\_10
* test\_log\_of\_base\_2