**SIMPLEMATH\_API DOCUMENTATION**

**Introduction**

The simplemath\_api is an API that calculates the sum, product, quotient and subtraction of the GET request parameters and returns the results as a response in XML format.

**How it works**

The api receives a GET request with three parameters namely num1, num2, num3 for example;

<http://localhost/simplemath_api.php?num1=20&num2=30&num3=40>

The api responds with xml data with the following xml format when presented with the correct number of parameters:

<results>

<product>$product</product>

<sum>$sum</sum>

<quotient>$quotient</quotient>

<subtraction>$subtraction</subtraction>

<average>$average</average>

</results>

The api responds with xml with the following format when presented with the wrong parameters

<results>

<error>error message</error>

</results>

The api responds to GET requests only.