High Level Test Plan:

ID	Description	Precondition	Expected Input	Expected Output	Actual Output
1	SUM	0,0	num1,num2	sum of two numbers	num1+num2
2	Difference	0,0	num1,num2	Difference of two numbers	num1-num2
3	Product	numbers cannot be zero	num1,num2	Product of two numbers	num1*num2
4	Division	num2!=0	num1,num2	Division of two numbers	num1/num2

Low Level Test Plan

1	Square	0	num1	square of number	num1*num1
2	Cube	0	num1	cube of number	num1*num1*num1
3	Factorial	1	num1	factorial of number	num1!
4	Power	numbers cannot be zero	num1,num2	power of numbers	pow(num1,num2)
5	Square Root	number cannot be zero	num1	square root of number	sqrt(num1)
6	Sine	0	num1	sine of number	sin(num1)
7	Cosine	0	num1	cosine of number	cos(num1)
8	Tan	0	num1	tan of number	tan(num1)
9	Bitwise OR	0,0	num1,num2	bitwise or of two numbers	num1||num2
10	Bitwise AND	0,0	num1,num2	bitwise and of two numbers	num1&&num2

11	XOR	0,0	num1,num2	xor of two numbers	num1^num2
12	Logarithmic value	0	num1	logarithmic value of number	ln(num1)
13	Log base 10	0	num1	log base 10 value of number	log(num1)
14	sinh	0	num1	sinh of number	sinh(num1)
15	cosh	0	num1	cosh of number	cosh(num1)
16	tanh	0	num1	tanh of number	tanh(num1)
17	Exponent	0	num1	exponent of number	exp(num1)
18	floor	0	num1	floor value of number	floor(num1)
19	Ceil	0	num1	ceil value of number	ceil(num1)
20	Absolute	0	num1	absolute value of number	abs(num1)