**Problem Statement:** Perform Arithmetic operations using Functions

**Algorithm:**

 Step 1: Start

 Start 2: Enter two numbers X, Y

// Step 2.1: Import Math Library

Step 3: Enter N for ( 1= sum(a,b), 2=sub(a,b) , 3=div(a,b), 4=mul(a,b))

 Step 3.1: sum(a,b) print(n, a+b) , sub(a,b) print(n, a-b)

Div(a,b) print(a/b) , mul(a,b) print(a\*b)

Step 3.2: Return to step 3

Step 4: Output Result

 Start 5: Stop

**Test Cases:**

|  |  |
| --- | --- |
| Expected Input | Expected output |
| -1 | ERROR |
| 2 |  |
| 3 5 1 | 8 |
| 0 3 3 | 0 |
| 4 2 2 | 2 |