



```
class Calculator {  
    int add(int a, int b) {  
        int sum = 0;  
        sum = a + b;  
        return sum;  
    }  
}
```

#manually by taking the

1. fixed (pre-defined) inputs
2. evaluate the program logic and compute the expected output of the program.
3. run the program with those pre-defined/fixed inputs
4. verify the output produced is matching with expected output or not which we have computed for those inputs.
5. If yes, mark as success/pass
6. If no, trace the program to see where it has been failed.

In this way we need to consider all the possible inputs

1. 2 positive numbers
2. 1 positive 1 negative number
3. 2 negative numbers
4. 2 zeros
5. 1 positive and 1 zero
6. 1 negative and 1 zero

testcases