

Test Cases for Addition of Two Numbers:

- ☐ **Check the addition of two positive integers gives the correct result or not**
Example: Input: $5 + 5$, Expected output: 10
- ☐ **Check if the addition of a positive integer and a 0 results the positive integer itself**
Example: Input: $3 + 0$, Expected output: 3
- ☐ **Check if the addition of positive integer and negative integer gives the correct result or not**
Example: Input: $10 + (-3)$, Expected output: 7
- ☐ **Check the addition of a negative integer and zero returns the negative number itself**
Example: Input: $(-5) + 0$, Expected output: -5
- ☐ **Check the addition of two negative integers gives the correct result**
Example: Input: $(-3) + (-3)$, Expected output: -6
- ☐ **Check the addition of two floating point numbers gives the correct result**
Example: Input: $10.5 + 10.5$, Expected output: 21
- ☐ **Check the addition of a positive integer and a floating point number gives correct result**
Example: Input: $20 + 5.6$, Expected output: 25.6
- ☐ **Check the addition of a floating point number and zero returns the float number itself**
Example: Input: $2.5 + 0.0$, Expected output: 2.5
- ☐ **Check the maximum range for addition of two numbers of any data type**
Example: Input: $9999999999 + 8888888888$, Expected output: 18888888887 (Integer)
- ☐ **Check the minimum range for addition of two integer numbers of any data type**
Example: Input: $(-999) + (-111)$, Expected output: -1110 (Integer)
- ☐ **Check if addition between two 0's returns an answer 0**
Example: Input: $0 + 0$, Expected output: 0
- ☐ **Check the addition of two numbers with large decimal places**
Example: Input: $0.25252589635 + 0.658724789123$, Expected output: 0.9112506855
- ☐ **Check the the ability to handle non-numeric input or special characters**
Example: Input: $2@ + \$$, Expected output: Error or Not a Number