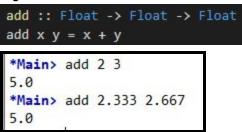
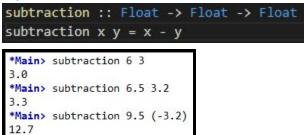
### Addition Operator:

- The "+" operator is used for addition.
- E.g.



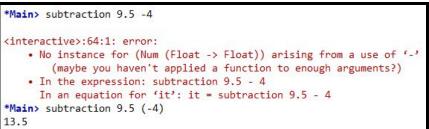
## Subtraction Operator:

- The "-" operator is used for subtraction.
- E.g.



- **Note:** It's best to use parentheses "()" to enclose negative numbers. Otherwise, the compiler might think the "-" isn't part of the number.

### E.g.



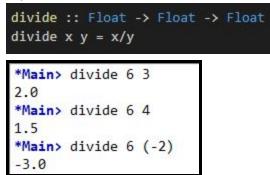
#### **Multiplication Operator:**

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- The "\*" operator is used for multiplication.
  - Main> multiply 4.5 2
    9.0
    \*Main> multiply (-1.2) 5
    -6.0

## **Division Operator:**

- The "/" operator is used for division.
- E.g.



# Exponent Operator:

- The "^" operator is used for exponent.
- Syntax: base^exponent
- E.g.

square :: Int -> Int		
square $x = x^2$		
*Main>	square	2
4		
*Main>	square	5
25		
*Main>	square	(-5)
25		
*Main>	square	(-10)
100		

- E.g.

```
cube :: Int -> Int
cube x = x^3
*Main> cube 3
27
*Main> cube (-3)
-27
*Main> cube 10
1000
*Main> cube (-4)
-64
```

# Sequence/Range Operator:

- The ".." operator is used for sequence or range.
- You can use this operator while declaring a list with a sequence of values.
- If you want to print all the values from 1 to 10, then you can use something like "[1..10]". Similarly, if you want to generate all the alphabets from "a" to "z", then you can just type "[a..z]".

