Higher Order Function

Functions are treated as first-class citizens.

* The function can treat as Values,
* assign to another variable
* Pass them as an argument of another function( FCS )
* Return them from another function

Curry function is a higher-order function

## A function is said to be a higher-order function when,

* Passing a function as an argument to another function
* Returning a function from another function

## There are two ways to call this inner function:

### **Call the returned function using a variable**

const calculateAdd = calculate("ADD");

calculateAdd(2, 3);

// Output: 2 + 3 = 5

const calculateSubtract = calculate("SUBTRACT");

calculateSubtract(2, 3);

// Output: 2 - 3 = -1

### **Call the returned function using double parentheses**

calculate("ADD")(2, 3);

// Output: 2 + 3 = 5

calculate("SUBTRACT")(2, 3);

// Output: 2 - 3 = -1