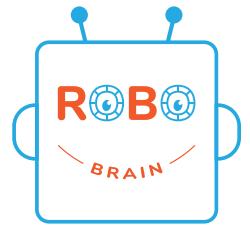


# Homework – Task 1

- A function is a tool. It has a name and it does something. Sometimes we need to first give the tool something so that it will produce something else.
- Finish the following table.

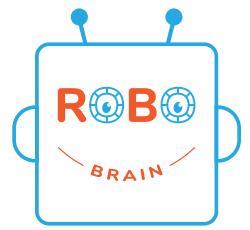
	Name	What it does	What to input	What to output



# Task 2

- Write a function `farewell()`.
  - Print out "Goodbye, everyone!"
- Write a function `farewell(person)`.
  - Print out "Goodbye, XXX", where XXX is the value of person.
- Write a function `farewell(person1, person2)`.
  - Print out "Goodbye, XXX and YYY", where XXX is the value of person1 and YYY is the value of person2.
- Write a function `farewell()` with suitable parameters
  - If there is only one parameter `person1` (XXX), print out "Goodbye, XXX and everyone".
  - If there are two parameters `person1` (XXX) and `person2` (YYY), print out "Goodbye, XXX and YYY".





# Task 3

- Write a function that takes two number type parameters and return the sum of the two.
  - Choose a proper and intuitive name of the function
  - Given two parameter names
  - Complete the function body
  - Return the value
- Write a function that takes in a temperature in Celsius degree and convert it to Fahrenheit degree.
  - Choose a proper and intuitive name of the function
  - Given one parameter
  - Complete the function body
  - Return the Fahrenheit degree
- Hint:  $\text{Fahrenheit} = (\text{Celsius} * 9 / 5) + 32$ . For instance,
  - water turns to ice at  $0^{\circ}\text{C}$ , that is  $(0 * 9 / 5) + 32 = 32^{\circ}\text{F}$
  - water boils at  $100^{\circ}\text{C}$ , that is  $(100 * 9 / 5) + 32 = 212^{\circ}\text{F}$

