WEB222 Assignment 1

Submission Deadline:
31st Jan, 2020, 11:59 pm

Assessment Weight: 5% of your final course Grade

Complete the following 5 tasks. You will have to execute each function ONCE after completion to check that it is working properly. Fill in and include the following content at the beginning of your file:

```
/**
 * WEB222 Assignment 01
 *
 * I declare that this assignment is my own work in accordance with Seneca Academic Policy.
 * No part of this assignment has been copied manually or electronically from any other source
 * (including web sites) or distributed to other students.
 *
 * Please update the following with your information:
 *
 *    Name: <YOUR_NAME>
 *    Student ID: <YOUR_STUDENT_ID>
 *    Date: <SUBMISSION_DATE>
 */
```

Task 1 - Create a function **formatEmailAddress(name,email)** to format a name and email address into the following String format:
 "Name <email@address>"
name - a String with the person's name (e.g., "Kim Smythe")
email - a String with the person's email (e.g., "kims@gmail.com")
formatEmailAddress("Kim Smythe", "kims@gmail.com")
returns Kim Smythe <kims@gmail.com>

Task 2 - Create a function **massToPounds(mass,unit)** to convert mass in Kilograms or Stones to Pounds. Return a formatted string (e.g., "33.07 lb")
mass - a number with a mass value (e.g., 15)
unit - a String with a mass scale unit (one of: "kg", "KG","stone" or "STONE")
If no unit is given, assume that the mass is kg. For all other values of unit, write an error message.
Write this function using **Function Expression** format.

Task 3 - Create a function called **toSeconds(days)** that calculates the number of seconds for the given number of days.
days - a Number of days.
Ignore any fractional parts (i.e., treat 1.34 the same as 1). If no value is given for `days` (undefined, null, 0), assume 1 as a default.

Task 4 - Create a function called **currencyTotal()** that takes a varying number of currency strings as a list of arguments and returns it formatted as a currency string, formatted to 2 decimal points (use toFixed() specified in week 2 slides)

currencyTotal('1.99', '3.00', '4.16') should return '$9.15'

Task 5 - Create a function **lessthanHundred()** that takes varying number of inputs as parameter (as a list of arguments) and checks if the sum of all the numbers is less than 100. Allow both String and Number arguments to be passed, but print an error message if any other type is passed to the function (e.g., Boolean). If the list is empty (nothing passed to the function), return true.
lessThanhundred(1,"2",3,"4",23) returns true
lessThanhundred(1,2,3,4,23) returns true
lessThanhundred(1,2,3,4,false) returns false
lessThanhundred(1,2,78,45,23) returns false
lessThanhundred() returns true