

BTI220 Lab 1

Released On: May 19, 2015

Due On: May 29, 2015 - 23:59

Point: 1%

Objective:

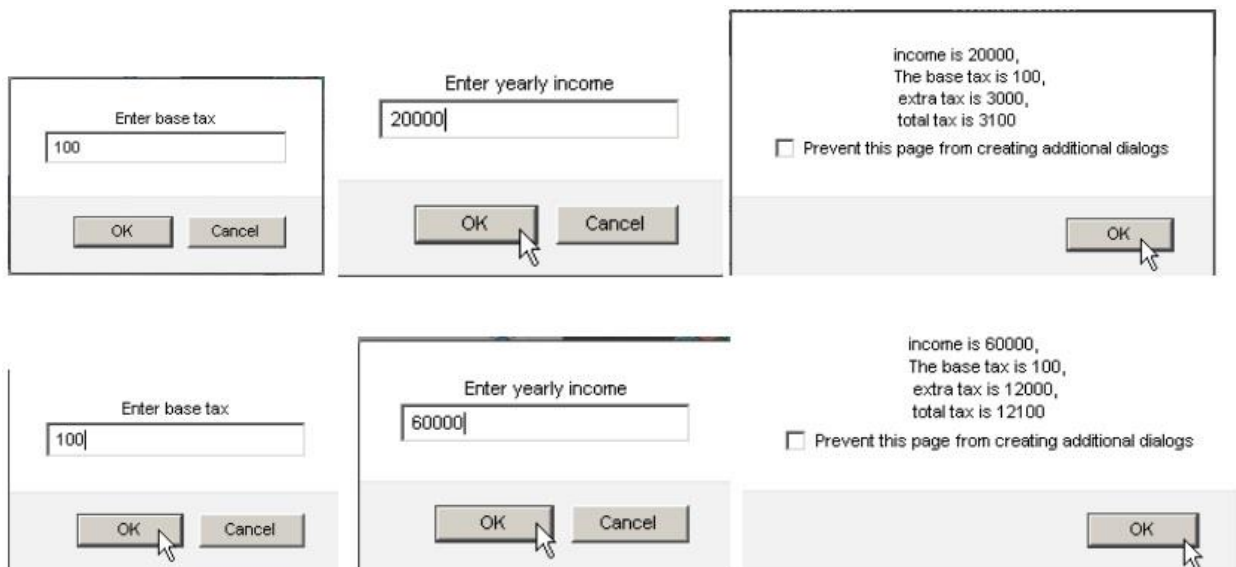
Practice JavaScript Basics

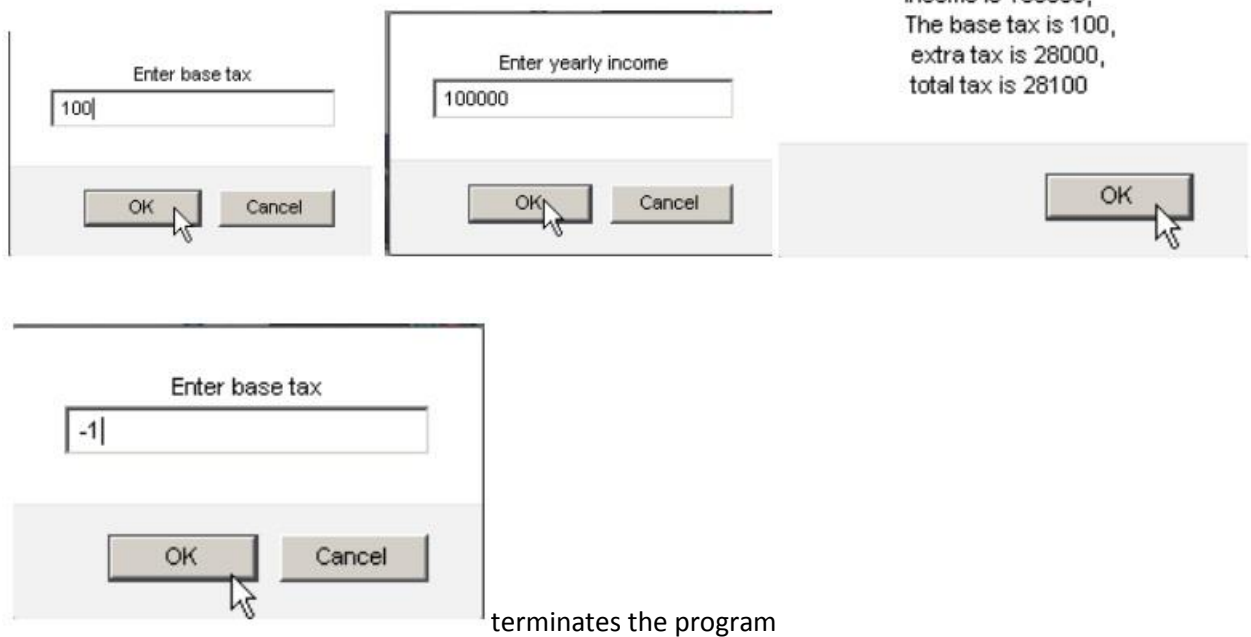
Specifications:

Create an Income Tax Calculator using JavaScript. The income tax will be calculated as follows:

1. The **income tax** for a person is the total of the base tax and the extra tax.
2. The Tax Calculator **repeatedly** asks user to input and report the corresponding information until user inputs a negative number for base tax to stop.
3. The **input** includes:
 - base tax. Everybody pays a base tax.
 - yearly income. The extra tax is calculated based on the yearly income of the person applying the following rules:
 - a. For the first \$40000 (inclusive) of the yearly income, the extra tax is 15%.
 - b. For the yearly income over \$40000 but less than \$80000 (inclusive), the extra tax is 30%.
 - c. For the yearly income over \$80000, the extra tax is 50%.
4. Your program **reports** the base tax, extra tax, and the total tax of a person.

Sample run:





Submission:

Login on your zenit account, and upload your lab 1 files under the public_html/labs/lab01 directory before the due date.

You need to submit 2 files:

- (1) the source code of JavaScript (lab1.js), and
- (2) a file with the screenshots as your program runs with input and output, like the sample run in this document.

Note: don't change any file after due date. Otherwise, your lab will be viewed as late.

Academic Policy:

Seneca's Academic Policy will be strictly enforced.

<http://www.senecacollege.ca/academicpolicy/index.html>

This is an individual lab. Please do not try to convince me that any two of you may have the same code.

Student Oath:

A signed declaration of honesty must be included in your submission. Put the following declaration as comment in the beginning of your JavaScript program.

```
/* **** */
```

*
* 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.
*
*
* Name: _____ Student ID: _____
*
*****/