

**CSCI-105 Introduction to Programming**  
Lab 4 - Wednesday

**Instructions:**

Log onto cs.bridgewater.edu. Change your working directory to the labs directory in your repository. Create a subdirector (in labs) named lab4. Change your working directory to lab4.

Write a Java program in a class named **StateTax2** that behaves as follows:

- The program asks the user to enter in their yearly income rounded to a whole number.
- The program reads in the value entered by the user.
- The program asks the user to enter in the number of children that they have.
- The Program reads in the value entered by the user.
- The program computes the total amount of state tax debit/credit using the information below.
- The program prints the screen "Total tax: ", followed by the total tax. A positive tax implies a tax debit that they owe to the state. A negative tax implies a tax credit that they will receive from the state.

**Tax Information**

- The taxpayer receives a pre-tax deduction of \$1000 if they have more than 2 children. A pre-tax deduction reduces the amount of income that is taxed.
- The state tax rate is 10%.