**Pseudo Code for Payroll Tax Calculator**

The first window should ask the user to name of the file will be.

After naming the file the next window will be inputting employee data:

* Employee first name
* Employee last name
* Pay frequency
* Prior earnings
* Salary
  + Hourly rate
  + hours
  + Overtime
* Union dues
* State income tax percent
* Federal income tax- calculated value
* SUTA base value for said State
* SUTA percentage for said State

At the bottom of the window a submit button to start calculations of the input data.

After user submits the data, the following calculations will take place:

* If wage is a salary, they will need to take (salary-prior earnings)/pay frequency = Gross pay
* Wage is hourly then it will be(overtime\*hours) + (hourly rate \* hours)/ pay frequency = Gross pay
* State income tax is gross pay\*State income tax percent
* State unemployment is (suta\*suta percentage)
* Federal unemployment is (up to 7000\*.06) if a wage is less than 7000 then it will change to that value
* OASDI is (gross pay\*.062)
* Medicare is (gross pay \* .0145)
* FICA deductions is (OASDI + Medicare + SIT + FIT + union dues)
* Net pay is (Gross pay – FICA deduction)

Next use a method to make an excel file with file name enter by user earlier. This will also include naming columns in the file using all the variables enter and calculate should be label for proper documentation. The second part of the method should copy the input and calculated data to the excel file under the correct column.