**Assignment: Payroll Application**

**CIS 282**

**To turn in:**

* Attach one file: **payroll\_lastname.rb** as an attachment to the assignment in Canvas.

**Coding Conventions**:

* file names
  + all lower case
  + use underline to separate words in your variables and filenames
  + examples: my\_homework.rb, homework.rb
* variables
  + all lower case
  + use underline to separate words
  + no acronyms and no shortened words
  + descriptive, not generic
  + examples: age, first\_name, address, home\_address
* conditional expressions
  + align and indent

**To do:**

* Write a Ruby program which prompts the user for the following information and store in appropriate variables:
  + Employee’s Name
  + Number of hours worked in a week (could be whole number or decimal)
  + Hourly pay rate (could be whole number or decimal)
  + Federal Tax withholding rate (%)
  + State tax withholding rate (%)

The output of the program will then calculate and print out a report as follows. Do not worry about rounding to 2 decimal places. Assume the user does not enter % or $

Plan on how to display the withholding rate % in its different formats as shown below.

- OR -

**Enter Employee’s name: Smith**

**Enter number of hours worked in a week: 10**

**Enter hourly pay rate: 6.75**

**Enter federal tax withholding rate: 0.20**

**Enter state tax withholding rate: 0.09**

**Employee Name: Smith**

**Hours Worked: 10.0**

**Pay Rate: $6.75**

**Gross Pay: $67.5**

**Deductions:**

**Federal Withholding (20.0%): $13.5**

**State Withholding (9.0%): $6.07**

**Total Deduction: $19.57**

**Net Pay: $47.92**

**Enter Employee’s name: Smith**

**Enter number of hours worked in a week: 10**

**Enter hourly pay rate: 6.75**

**Enter federal tax withholding rate: 20**

**Enter state tax withholding rate: 9**

**Employee Name: Smith**

**Hours Worked: 10.0**

**Pay Rate: $6.75**

**Gross Pay: $67.5**

**Deductions:**

**Federal Withholding (20.0%): $13.5**

**State Withholding (9.0%): $6.07**

**Total Deduction: $19.57**

**Net Pay: $47.92**